

Company Profile

About the Company

GKN Hydrogen is transforming the way energy is stored - As a hydrogen storage company, offering the safest storage solutions in the world, we decarbonize industrial processes, power plants and infrastructure by commercializing safe and compact hydrogen storage in solid-state metal hydrides. Prioritizing safety, minimal footprint, and easy integration, we optimize project efficiency.

Our People

We have assembled a team of talented and experienced professionals who are committed to actively manage the climate change. Our team of commercial experts, experienced engineers, designers, and technicians are dedicated to create value by providing a robust, secure, and cost-effective storage solution seamlessly integrating hydrogen production and offtake assets.

Our Technology

GKN Hydrogen stores green hydrogen from renewable sources for various applications. The company's state-of-the-art metal hydride storage solutions has been developed and refined over the last 8+ years to become the most reliable and secure hydrogen storage solution on the market. The robust systems generate green hydrogen from fluctuating renewable energy sources, storing it compactly and safely in metal hydride over long periods of time:

- inherently safe, solid-state-storage of hydrogen
- no compression required for storage
- smaller footprint than batteries or compressed gas storage

Our Products and Project Experience

We build Hydrogen Storage, Power-to-Gas and Power-to-Power solutions, integrating electrolyzers, fuel cells, power equipment, safeties, and factory certifications. Based on more than 25 globally delivered projects and with our seamless integration capabilities, we reduce interfaces and plannings costs. By orchestrating all hydrogen-storage related technologies, subsystems, and processes, we create high-performance systems with modular design, standardized protocols and diligent testing.

Our Clients

GKN Hydrogen work with global clients across the industrial and energy supply sectors including Commercial Buildings, Power Solutions, Infrastructure, Mobility and Hart-to Abate Industries. The company's clients include End Users, Utilities, EPCs and System Integrators as well as infrastructure and energy developers and builds strong relationships with each of them.

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Our Shareholder Langley Holdings

GKN Hydrogen is part of Langley Holdings plc, a privately owned UK-based engineering and industrial manufacturing group, principally producing capital equipment for diverse markets worldwide. Langley businesses are either outright market leaders, or occupy strong niche positions in their respective fields, providing advanced technologies in a solutions-based approach. The Group operates in three principal areas: Power Solutions, Print Technologies and Other Industrials. The Group's operations are based in Germany, Italy, France, the UK and Norway, with 18 production facilities in Europe, the UK and the USA. The Group has more than 90 sales and service subsidiaries worldwide and employs over 5,000 people. Langley Holdings was established in 1975 by the current Chairman & CEO, Anthony Langley and remains entirely in family ownership.

Contact

To learn more about GKN Hydrogen and our solutions and services, please visit our website or contact us directly at info@gknhydrogen.com

GKN Hydrogen GmbH
Pennefeldsweg 11-15
D-53177 Bonn
Germany
VAT: DE353559136

Phone: +49 228 93350

Email: info@gknhydrogen.com

