

Hydrogen – #WeKnowHow

More than 25 years of experience with valves for Hydrogen service in more than 100 projects worldwide.

Hydrogen is the simplest of all earthly elements and an invisible molecule. However, innovative H₂ technologies are required for its production and utilisation. To safely use the advantages of blue and green hydrogen as a zero-emissions fuel and feedstock, valves must consider all critical requirements when used in advanced technologies.

SE has the technological know-how and supplies valves that withstand quality tests under the most extreme conditions. The applications of hydrogen are as diverse as the valves used in its production, processing, distribution, storage, and applications. To ensure a safe H₂ value chain, our valves meet high requirements on design, material and quality.

For more Information, please visit siekmann-econosto.de/hydrogen

Reference projects. Valves for Hydrogen and Clean Energy projects from Siekmann Econosto – worldwide.



Hydrogen in
Production



Hydrogen in
Processing



Hydrogen in
Distribution &
Storage



Hydrogen in
Applications

- › Haru Oni: Electrolysis, Green Hydrogen, Synthetic Fuels (Chile)
- › Rotterdam HMU: Hydrogen Production, SMR Process (The Netherlands)
- › BorsodChem: Hydrogen Production, SMR Process (Hungary)
- › BioCoPro: Bio-Oil Co-Processing, Biofuels (Austria)
- › Brevik Norcem: Carbon Capture and Storage (Norway)
- › Neom: Electrolysis, Green Hydrogen (Saudi Arabia)
- › Oberhausen Trailblazer: Electrolysis, Green Hydrogen (Germany)
- › Qafco VII: Blue Ammonia (Qatar)
- › Nederland H2: Blue Hydrogen, SMR Process, Carbon Capture (U.S. Gulf Coast)





Hydrogen



Ammonia



Carbon Capture



E-Fuels

We make the energy transition sustainable, reliable and affordable.

Get all in one! – Valves for Application in Hydrogen and Ammonia Service;
Processes for Carbon Capture Storage and Usage (CCS & CCU)

Competence and customer proximity in the field of hydrogen and clean energy – rely on our know-how as your partner.

Meeting the growing demand for energy while transitioning industry and mobility to a more sustainable world is a complex journey. **But you're not without a partner.**

At Siekmann Econosto, our mission is to make industry work better and to empower our customers to drive the decarbonization and to meet the sustainability targets. **How?**

Our comprehensive product portfolio and offerings, extensive application expertise and many years of project experience are all central to our efforts to be your partner. We supply products and services for a reliable, affordable and efficient clean energy and hydrogen production. We customize your individual product and service package to meet your needs, in both, for new build plants and repairs and maintenance.

Worldwide delivery service and partnerships

ON 6 CONTINENTS
PEOPLE RELY ON
OUR PRODUCTS

MORE THAN 1.000
PROJECTS WORLDWIDE



VALVES DELIVERED
TO OVER 50 COUNTRIES

About SE

Siekmann Econosto is an internationally recognized supplier of industrial valves and related products for more than 60 years. We live our mission of making industry work better every day by providing high-quality products and services which are making our customers more successful.

Across the globe, we have delivered valves for more than 1,000 plants and cover every step from engineering, project management and execution.



We operate out of two locations: the Dortmund branch, where the project business and central functions are based, and the Zwenkau branch, where the standard business and some project business, the central warehouse, cleaning and testing facilities and the assembly area are located.

Get started with SE and count on our expertise.

Core competencies at a glance

- > Consulting and customized solutions
- > Complete one-stop valve packages
- > Project management
- > Contract management
- > Global sourcing
- > Supplier management
- > Technical documentation
- > After-sales and spare parts
- > High product availability
- > 50,000 valves in stock
- > Express deliveries possible
- > Own product range
- > Modification and repair
- > Cleaning for oxygen use

The company creates solutions for leading plant engineering companies and plant operators worldwide, serving a variety of industries including oil and gas, energy, chemicals, refining and clean energy. SE is well positioned to benefit from the growth drivers of increasing energy demand and sustainability.

To learn more about Siekmann Econosto, please visit siekmann-econosto.de

