

# HYDROGEN CAPABILITIES

Leveraging our 65 years of legacy expertise in the engineering and design of cryogenic infrastructure, our industry-leading subject matter experts have experience in multiple engineered sphere products, specialty vessels, and steel plate structures. Matrix is well-positioned and experienced to be your engineering partner in the realization of a carbonless energy source: hydrogen (H<sub>2</sub>).

**Safety. Integrity. Positive relationships.  
Stewardship. Delivering the best. These  
core values have forged our reputation  
for excellence.**

**A HIGHER STANDARD IN CLEAN ENERGY**

# YOUR CLEAN ENERGY PARTNER

We provide unrivaled expertise in cryogenic engineering and technologies, and team with construction partners to provide complete solutions for customers that seek storage and terminal solutions to support their hydrogen projects. In North America, our subsidiaries Matrix NAC and Matrix Service typically complete construction; abroad, we partner with equally revered construction companies.

## Services

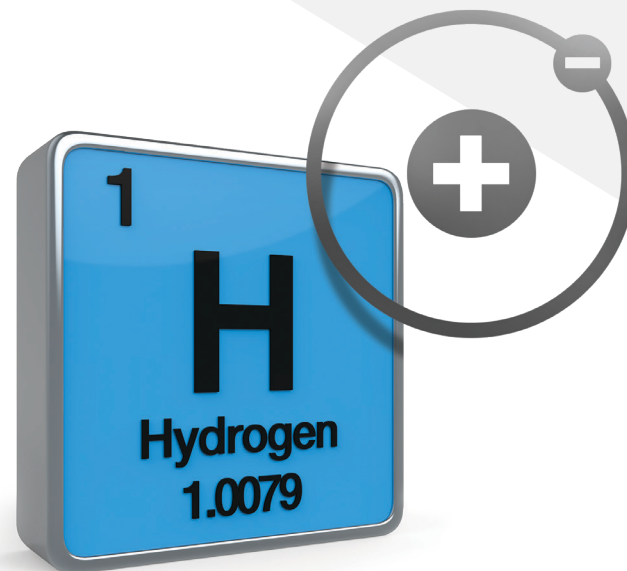
- Conceptual design and feasibility studies
- Front End Engineering and Design (FEED)
- Detailed design
- Engineering, procurement, and construction (EPC)
- General contractor and construction
- Partner with cryogenic experienced Matrix construction subsidiaries Matrix Service and Matrix NAC domestically or with established international partners that have sphere and cryogenic experience
- Integrator of production, liquefaction, and fueling technologies

## Typical Project Scopes

- Liquid hydrogen sphere design, fabrication, and erection
- Hydrogen liquefaction, storage, and distribution facility integration and installation
- Electrolyzer integration and installation
- Steam Methane Reformer construction
- Carbon capture equipment fabrication and installation
- Hydrogen-rich off-gas clean-up, compression, and distribution facility integration and installation

## Consumer & Production Facilities

- Transportation and mobility applications
- Ammonia production
- Methanol production
- Biofuels
- Power generation
- Steel, glass, and aluminum manufacturing
- Refining and petrochemicals



**MATRIX SERVICE  
COMPANY**

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