

Green Hydrogen Facilities

Move Forward with Confidence

CB&I Storage Solutions is the world's leading designer and builder of storage facilities, tanks and terminals. Owners and developers count on us to deliver solutions for the most complex energy infrastructure projects.

59,000+

Storage Structures Built

130+

Years Experience

25+

Locations Worldwide

100+

Countries Served

There's no other EPC contractor in the world with the experience and advanced methods of construction as CB&I. Our engineers are committed to excellence, our project managers ensure on time delivery and our safety performance is superior. The search is over for your next green hydrogen production plant partner.

With CB&I, you can move forward with confidence.

A Rich History in Hydrogen

As owners and developers pivot to green hydrogen production, CB&I is uniquely positioned to leverage our experience with high pressure storage, cryogenic storage and associated hydrogen and gas handling systems to bring meaningful hydrogen production and handling facility solutions to customers.

We built the world's first liquid hydrogen sphere in 1960 and continue to scale up our technology to meet the industry's growing demands for additional capacity. CB&I is building the world's largest liquid hydrogen sphere in Cape Canaveral, Florida and recently completed the conceptual design for a double-wall vacuum insulated liquid hydrogen sphere with a storage capacity of 40,000 cubic meters.

Our team works across the entire landscape of hydrogen infrastructure development, helping our customers achieve hydrogen EPC solutions that include green hydrogen generation to storage and handling for a variety of end uses. Custom facility configurations can be developed to suit the needs of any customer.



A Tailored Approach for a Dynamic Market

Our phased contracting approach to green hydrogen supports direct partnership with our customers to develop the project scope from early concept through procurement and construction. It also adds additional flexibility for our customers to progress their project at a pace that is best suited for their needs.

Owners striving to meet aggressive decarbonization goals with green hydrogen can take advantage of our fast tracked, phased execution plan to minimize the time from contract award to commissioning as much as possible. Alternatively, we can evaluate projects on a more methodical approach, progressing on a stage-by-stage basis before committing to a full EPC.

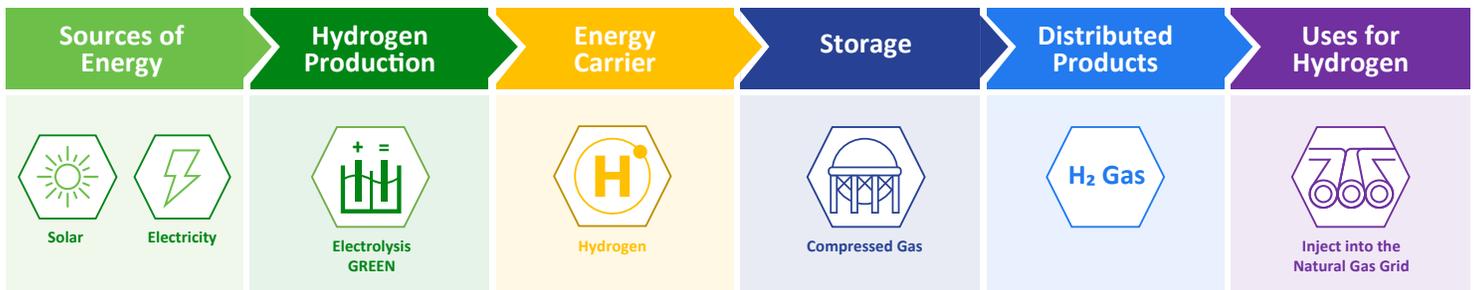
With either method, CB&I helps de-risk our hydrogen projects with our unique project delivery model.



Regardless of specific circumstances for each project, our phased contracting approach ensures that valuable engineering ideas are incorporated early, costs and risks are minimized, long-lead equipment is secured and the overall development and EPC schedule is compressed.

Delivering Cost & Schedule Certainty

CB&I has a longstanding reputation for on time delivery and on budget execution. We self-execute as much of the project scope as possible to control the schedule, reduce risk and improve efficiencies. From concept to commissioning, we plan our execution and then execute our plan to provide schedule and cost certainty to our clients worldwide.



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