

Bipartisan Infrastructure Bill

Clean Hydrogen Programs

The Infrastructure Investment and Jobs Act, commonly known as the Bipartisan Infrastructure Bill, includes \$9.5 billion for clean hydrogen programs.

Regional Clean Hydrogen Hubs provides \$8 billion to develop at least four large-scale hydrogen production and utilization projects across the country.

Clean Hydrogen Electrolysis Program provides \$1 billion for demonstration, commercialization, and deployment of electrolyzer systems.

Clean Hydrogen Manufacturing and Recycling provides \$500,000,000 to support a clean hydrogen domestic supply chain.

Clean Hydrogen Research and Development Program re-establishes and expands DOE's hydrogen office.

Clean Hydrogen Strategy and Roadmap directs the development of the first U.S. national strategy to facilitate a clean hydrogen economy.

Clean Hydrogen Production Qualifications directs the development of a clean hydrogen production carbon intensity standard.

Regional Clean Hydrogen Hubs Requirements



The Regional Clean Hydrogen Hubs program will demonstrate the production, processing, delivery, storage, and end-use of clean hydrogen. The initiative includes requirements for feedstock diversity with at least one hub required to demonstrate production of hydrogen from fossil fuels, at least one hub for hydrogen from renewable energy, and at least one hub for hydrogen from nuclear energy. The initiative includes end-use diversity with at least one hub to demonstrate hydrogen use in power generation, at least one hub for hydrogen use in the industrial sector, at least one hub for hydrogen in heating, and at least one hub for hydrogen in transportation. Lastly, the initiative also includes geographic diversity requirements with at least two hubs designated to be in regions of the United States with the greatest natural gas resources.

ADDITIONAL HYDROGEN POLICY SUPPORT

Beyond these hydrogen-focused provisions, there are numerous other opportunities to engage hydrogen throughout the nation's energy and transportation systems.

- Congestion Mitigation and Air Quality Improvement
- Transportation Electrification
- Alternative Fuel Infrastructure
- Grid Infrastructure, Resiliency, and Reliability
- Department of Energy Loans
- Energy Storage
- Zero-Emission Ferries
- Zero-Emission Buses
- Port Infrastructure
- And more...

This bill demonstrates the strong bipartisan support for the wide-ranging opportunities for hydrogen to drive decarbonization and economic growth across the United States.