

Drive economic growth and build a carbon neutral economy?

Hydrogen can do both.

Hydrogen is ready to meet the aspirations of all Americans and solve the problem of hard-to-decarbonize industries, such as steel, chemical production, cement, aviation, long-haul trucking, and marine shipping. Renewables alone cannot move these industries forward.

By investing in low-carbon hydrogen production and use over the next 30 years, we all benefit.

TODAY

Hydrogen is benefitting our economy now by moving people and goods, and providing critical power and energy storage solutions.



New annual investments of **\$8 billion** in hydrogen technologies by 2030 will help expand these opportunities, lower consumer costs, and bring new solutions to scale.

2030

By rapidly scaling up the hydrogen industry, we will create significant job and revenue growth in American businesses across the hydrogen value chain.

Estimated Growth:
\$140B in revenue
700,000 jobs



Between **2030** and **2050**, affordable hydrogen is deployed at scale across many sectors of the economy.

2050

Hydrogen energy can provide about 33% of fuel for heavy trucks, 60% of fuel for marine shipping, and 33% of fuel for aviation globally.

Estimated Growth:
\$750B in revenue
3,400,000 jobs



Continued investment in hydrogen means additional U.S. job and revenue growth, along with:

- Meeting **14%** of total energy demand
- Reducing total CO2 emissions by **16%**
- Reducing U.S. transportation system CO2 emissions by **30%**
- Reducing harmful NOx emissions by **36%**

Hydrogen can do more for tomorrow only with your support today.

Policy support is critical to removing deployment barriers and catalyzing investments in hydrogen energy. Take action to support hydrogen energy today. Learn more at www.fchea.org/hydrogenbonds.

