

Low carbon hydrogen solutions powering the energy transition



Hydrogen can help decarbonize high-emitting sectors by supplying cost-effective, lower-emission solutions that keep pace with growing demand. Low Carbon Solutions is leveraging ExxonMobil's expertise and scale to play a leading role in the energy transition. With decades of experience in hydrogen production and a proven track record for developing and operating world-class facilities, the company is uniquely qualified to enable customers to meet their lower-emission goals.

What we offer

- One-stop shop for end-to-end decarbonization solutions
- World leader in natural gas production and carbon capture and storage
- Proven track record for constructing and operating competitive, world-scale facilities and operation scalability

Hydrogen benefits

- No CO₂ emissions at its point of use
- Flexible solution to reduce emissions
- An essential component in society's decarbonization efforts

Applications

Hydrogen can support emission reductions in hard-to-decarbonize industries: electricity generation, industrial processes and commercial transportation. These sectors are among the top emitters of carbon but are critical to the modern life. They continue to grow in size and scale as billions of people strive to improve their standard of living around the world.



Refining feedstock into fuels and petrochemicals.



Fuel switching provides a flexible solution for critical industrial facilities to reduce CO₂ emissions.



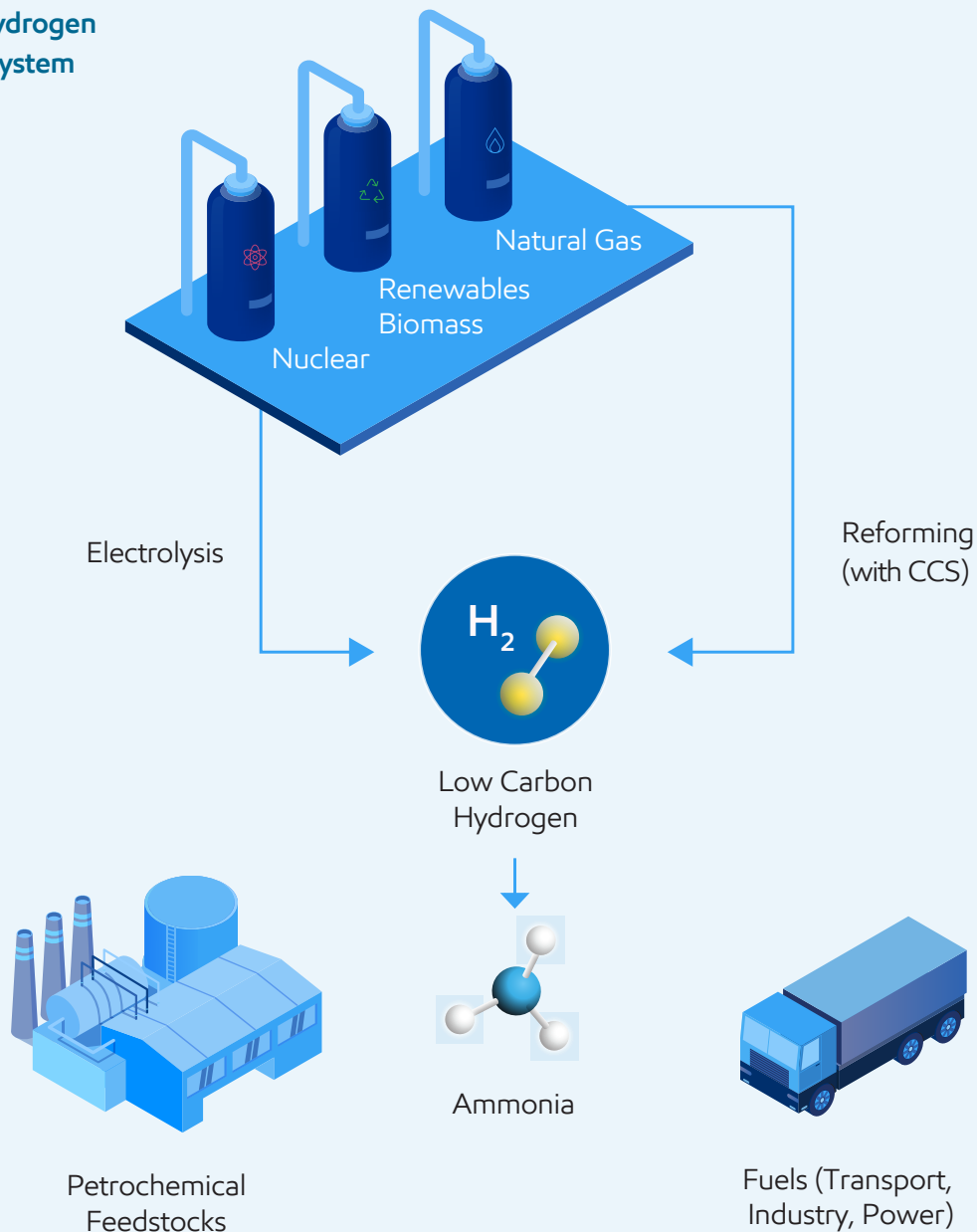
Low carbon fuel into natural gas transmission systems for use in power generation or to heat homes and businesses.



Derivatives such as lower-emission fuel for transportation and in ammonia to carry hydrogen energy over long distances.

The hydrogen fuel future

Low-carbon hydrogen in the energy system



Contact your local ExxonMobil representative to learn more about our hydrogen solutions and how we can help you lower your carbon footprint.



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ExxonMobil Advancing Climate Solutions Progress Report (<https://corporate.exxonmobil.com/-/media/global/files/advancing-climate-solutions-progress-report/2023/2023-acs-progress-report.pdf>).

A final investment decision for the Baytown low carbon hydrogen facility is expected by 2024, subject to stakeholder support, regulatory permitting, and market conditions.