



Hydrogen News Hydrogen News

BASF and ExxonMobil plan turquoise hydrogen plant in Texas

BASF and ExxonMobil plan to build a turquoise hydrogen demonstration plant at ExxonMobil's Baytown complex in Texas. Using methane

NASA awards hydrogen supply contracts to Air Products and Plug Power

NASA has awarded \$147 million in liquid hydrogen supply contracts to Air

pyrolysis, the facility will produce up to 2,000 tons of low-carbon hydrogen annually while generating solid carbon byproducts with minimal CO₂ emissions.

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Products and Plug Power to deliver about 16,700 tons of fuel across multiple U.S. facilities. The hydrogen will power cryogenic rocket engines and support aeronautics and propulsion research, reinforcing hydrogen's vital role in NASA's space missions.

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Low-cost green hydrogen: New electrode design dramatically reduces wear in membrane electrolyzers

UC Berkeley researchers have developed a new electrode design that makes water electrolyzers far more durable, reducing degradation by up to 100 times. The breakthrough could significantly lower the cost of green hydrogen production and accelerate large-scale deployment of electrolyzers powered by renewable energy.

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Upcoming Events

Local Hydrogen, Global Impact Webinar by BOSCH

Date: November 28, 2025

Location: Zoom

Powering the Next Era of American Energy

Date: December 9-10, 2025

Location: Houston, TX

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The SHEA logo is displayed in white on a dark green rectangular background. The letters 'S', 'H', and 'A' are in a bold, sans-serif font. The letter 'E' is stylized, with a lime green triangle pointing to the right, forming the right vertical stroke of the 'E'. Above the dark green rectangle is a thin horizontal bar of the same lime green color.

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