

REDUCING CARBON INTENSITY ACROSS THE SUPPLY CHAIN

# e-Methanol in Chemical Production

StormFisher Hydrogen produces e-Methanol, molecularly identical to fossil methanol, but produced from combining green hydrogen and carbon dioxide, resulting in a molecule with a significantly lower carbon intensity.

## Drop-In Ready Replacement

e-Methanol, a derivative from electrolysis-produced, green hydrogen, is molecularly identical to fossil-based methanol that is traditionally used in chemical production and synthesis. It is a drop-in replacement for fossil-based methanol throughout the production process without any changes, new equipment, or infrastructure investments.

A scalable solution responsive to customer demand, e-Methanol is a preferred solution for chemical producers looking to produce the same products such as acetic acid, methyl methacrylate (MMA), silicone, olefins, and formaldehyde, but at a lower carbon intensity.

## Lower Carbon Intensity

**StormFisher e-Methanol has a well to Gulf Coast 8 gCO<sub>2</sub>/MJ carbon intensity**, much lower than methanol derived from natural gas, 100 gCO<sub>2</sub>/MJ, or coal, 300 gCO<sub>2</sub>/MJ.

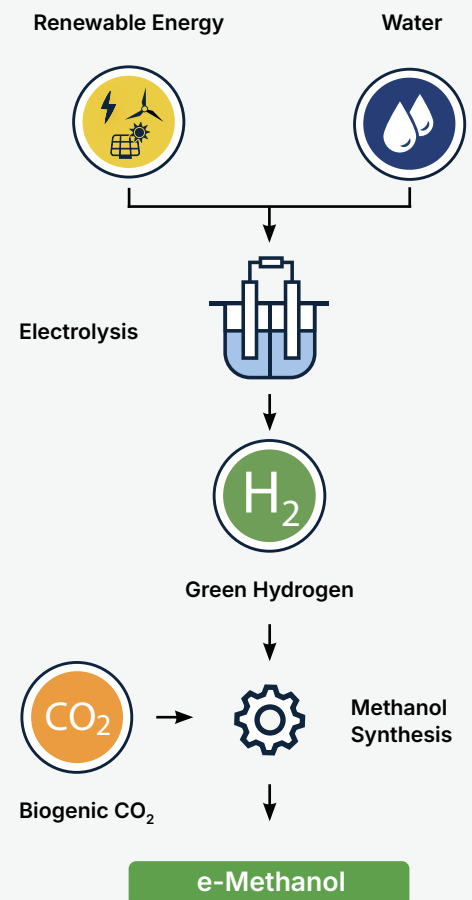
## Reduced Carbon Emissions

Using e-Methanol in chemical production lowers carbon emissions in the supply chain of the chemical industry, significantly lowering the overall carbon intensity of the end product or subsequent derivatives.

More information is available online, [www.stormfisher.com](http://www.stormfisher.com)

## How e-Methanol is Made

e-Methanol is made via the synthesis of Green Hydrogen produced from electrolysis powered by renewable energy.



# About StormFisher Hydrogen

StormFisher Hydrogen is a leading developer, owner, and operator of e-Fuel production facilities, meeting market demand for hydrogen-derived fuels including e-Methanol and e-Methane. Our fuels support heavy industry, transportation, heating, power generation, and agriculture to achieve their net-zero goals and sustainability ambitions.

With more than 15 years of experience developing successful clean fuel production facilities in North America, StormFisher Hydrogen is your trusted partner for consistent and timely supplies of e-Methanol, e-Methane, and green hydrogen. Headquartered in Houston, Texas, StormFisher Hydrogen has a robust pipeline of ongoing developments in North America that will expand clean energy exports, ensuring North America remains a global leader in energy.

StormFisher Hydrogen takes a technology-agnostic approach to project development, selecting the optimal design for each unique project. We manage and operate projects after development, which provides the incentive to build quality facilities that perform as promised.

## Talk to an Expert Today!

Talk to an expert in e-Fuels from StormFisher Hydrogen today to start reaching your net-zero goals.

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Website: [www.stormfisher.com](http://www.stormfisher.com)



**Founded in 2006**



**Track Record of Project Success**



**Robust Project Pipeline**



**Producer of e-Fuels**



**Recognized Global Supplier**