

# The Key to the Clean Energy Future

## With solar and wind energy

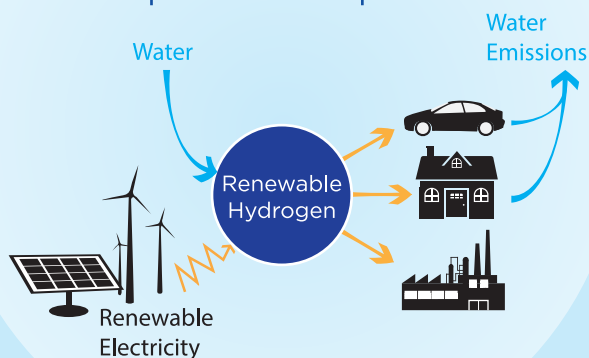
quickly becoming primary sources of clean, low-cost electricity, we are one big step closer to creating a clean energy future.

However, there are still key sectors of our economy (such as transportation, manufacturing, and shipping) that rely on fossil fuels and need a pathway to clean energy.

Renewable Hydrogen can help all these sectors transition away from fossil fuels and into the clean energy future.

## It's Time You Met Renewable Hydrogen

Renewable Hydrogen is made from renewable electricity, and can be used as a clean fuel or in important industrial processes.



Residential and  
Commercial Heating

Transportation

Industrial Feedstock

Shipping & Aviation

# Renewable Hydrogen can fuel the future.

Renewable Hydrogen provides the only scalable and economically viable path to clean fuels for many fossil fuel-dependent industries and sectors.

## Renewable Hydrogen:

Has broad-based support among clean energy advocates, public and private utilities, energy developers, and vehicle manufacturers

Provides a new market for renewable energy investment

Is a source of clean energy that can be produced locally, creating local energy jobs

Is a vital part of the next-generation electrical grid

# The market and technology are here.

## Everything we need already exists.

The technology to make clean fuels from electricity is well established, but recent industrial-scale development in Europe is slashing the cost, making it an attractive option for the US.

Nationally, we already produce huge quantities of hydrogen from fossil fuels, which is used in industrial processes such as fertilizer production.

Renewable Hydrogen can fulfill this existing market with hydrogen made from locally produced, low-cost, renewable electricity. This is a win-win for industry, the economy, and the climate.

## By 2050, Renewable Hydrogen could\*:

- Deliver 18% of our energy
- Generate \$2.5 trillion in yearly sales
- Create 30 million clean energy jobs

# Help build the Renewable Hydrogen future.

Renewable Hydrogen is critical to meeting local and state emissions targets. RHA urges policymakers, advocates, and utilities to support initiatives such as:

- Renewable gas standards
- Low-carbon fuel standards
- Funding for hydrogen vehicle fueling stations
- Inclusion in energy storage mandates

Learn more at [renewableh2.org](https://renewableh2.org)



Renewable Hydrogen Alliance is a trade association founded in 2018 to promote using renewable electricity to create climate-friendly fuels. Our diverse membership includes electric and gas utilities, clean energy advocacy groups and individuals, project developers, consultants, law firms, and manufacturers of hydrogen vehicles, fuel cells, and electrolyzers. Please join us at [RenewableH2.org](https://RenewableH2.org).

\*Globally. Source: Hydrogen Council