Green fuels annual production

Clean energy continues to dominate new power capacity. For example, in 2024, more than 90% of all new electricity capacity worldwide came from renewable sources such as solar, wind, ...

Bioenergy, including liquid, gaseous and solid fuels, accounts for the vast majority (95%) of renewable fuel growth over the forecast period. New demand for bioenergy expands the most in the industrial ...

Data was obtained from various sources, including an IRENA questionnaire, official national statistics, industry association reports, consultant reports and news articles. Major trends in the sector ...

The annual report, which BloombergNEF releases in partnership with the Business Council for Sustainable Energy, tracks trends in renewables, efficiency, natural gas, distributed ...

Unlike renewable diesel and biodiesel, U.S. fuel ethanol production capacity increased more in 2024 than in previous years. Fuel ethanol accounts for 73% of all biofuels production ...

By 2030, they could account for around a fifth of globally announced sustainable fuel production capacity. However, a considerable number of projects have not yet passed the final ...

Hydrogen is emerging as a key energy carrier in the transition to a low-carbon economy. This study reviews blue and green hydrogen, analysing their production technologies, environmental ...

Comprehensive state-level estimates of energy production, consumption, prices, and expenditures by source and sector.

The current fuel mix causes multiple environmental impacts, including climate change, acid rain, freshwater depletion, hazardous air pollution, and radioactive waste.

Bioethanol and biodiesel - fuel made from crops such as corn, sugarcane, hemp, and cassava - are now a key transport fuel in many countries. This interactive chart shows modern biofuel production ...

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