

Unlocking the potential of green hydrogen

Amit Bhandari writes: It can help solve India's critical energy security problems

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Green hydrogen produced using renewable energy can be blended with grey hydrogen. (Illustration: Mithun Chakraborty)

The ongoing tensions between Russia and [Ukraine](#) have led to the prices of crude oil shooting to \$130/barrel, the highest the world has witnessed in over a decade. The rise in prices of oil, natural gas and fertilisers highlights India's vulnerability to geopolitical sanctions. Green hydrogen is an emerging option that will help reduce India's vulnerability to such price shocks. This was reiterated by Union Transport Minister Nitin Gadkari when he drove to Parliament in a hydrogen-powered car.