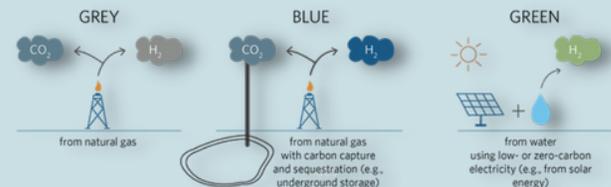


HYDROGEN IS NOT CLEAN

NO FALSE SOLUTIONS - VOTE NO ON THE HYDROGEN HUB DEVELOPMENT ACT

The Hydrogen Hub Development Act, HB4, is a tax credit bill that incentivizes the development of a hydrogen production industry in New Mexico. While so called "green" hydrogen has a place in reducing emissions, the bill as proposed provides incentives for hydrogen produced using enormous quantities of fracked gas, including both "blue" hydrogen, in which carbon emissions from production processes are sequestered using as yet unproven technology, and "grey" hydrogen, which can result in as much as 4 KG of carbon dioxide emitted per each KG of hydrogen produced. **This bill was designed & written to encourage the development of new industrial customers for oil and gas producers in New Mexico and will increase climate changing emissions.**

UNDERSTANDING HYDROGEN PRODUCTION



Hydrogen burns clean but relies on fossil fuels for its production, threatening our Climate and Public Health.

RED FLAG WARNING

THIS BILL WILL SEND US SPRINTING TOWARDS CLIMATE CATASTROPHE

We need to Distinguish Oil & Gas Industry Spin from Real Climate Solutions: Hydrogen is a life line for oil and gas developers in our state

- Hydrogen production—more than 99.8 % of which is not green—is responsible for an enormous amount of greenhouse gas pollution; Oil and gas companies produce almost all of the United States' hydrogen supply from gas. Globally, less than 1 percent of hydrogen is produced through electrolysis and less than 0.02% is green (i.e., powered by renewable electricity).
- Blue hydrogen emissions are 20% greater than directly burning natural gas or coal for heat, and 60% greater than burning diesel oil for heat. Hydrogen production—more than 99.8 % of which is not green—is responsible for an enormous amount of greenhouse gas pollution, particularly due to the release of fugitive methane.
- Green hydrogen production requires an enormous amount of fresh water and is not feasible for production in New Mexico.
- The bill intentionally avoids counting upstream methane emissions for natural gas sourced from a utility by limiting 'life cycle analysis' to emissions produced "at the site of production" for gas from a utility.
- The bill provides incentives for hydrogen electricity facilities that emit up to 375 lbs of CO₂ per MWh of energy produced.
- The bill provides big tax credits for hydrogen fuel cell cars and hydrogen fueling stations, but not for electric vehicles or electric charging stations, a proven renewable energy technology that we must embrace now.
- While the bill promises only to subsidize clean hydrogen, it does not provide for actual enforcement of pollution limits, something the agencies have thus far failed to accomplish in the case of O&G industry emissions and produced water spills. The Governor was quoted saying "There are other issues in the infrastructure and we expect industry to clean it all up." Unfortunately we all know that is an unrealistic expectation given the administration's egregious failure to regulate and enforce.

WE'RE RUNNING OUT OF TIME AND WE NEED REAL SOLUTIONS: UNLEASH NEW MEXICO'S ABUNDANT SOLAR & WIND

