
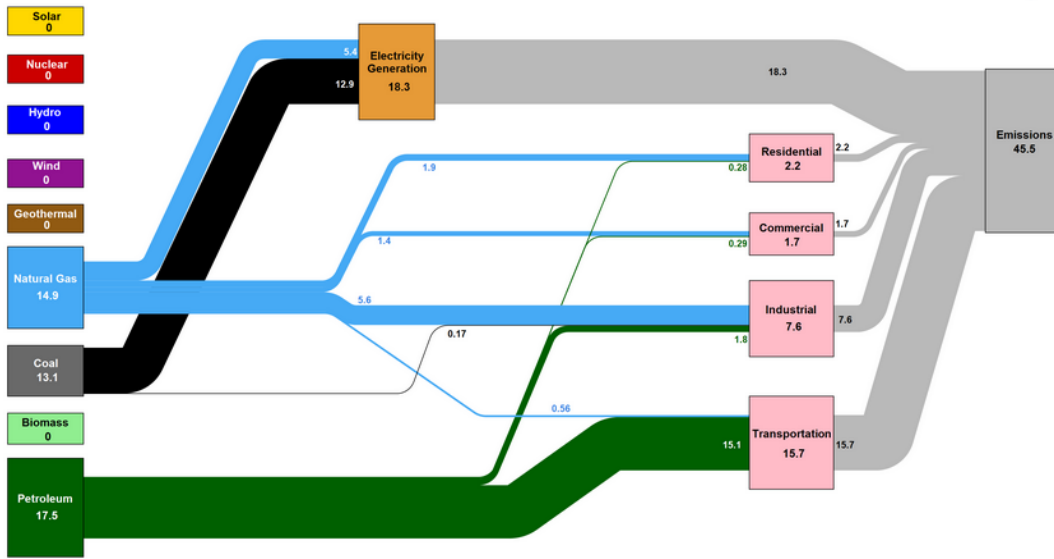


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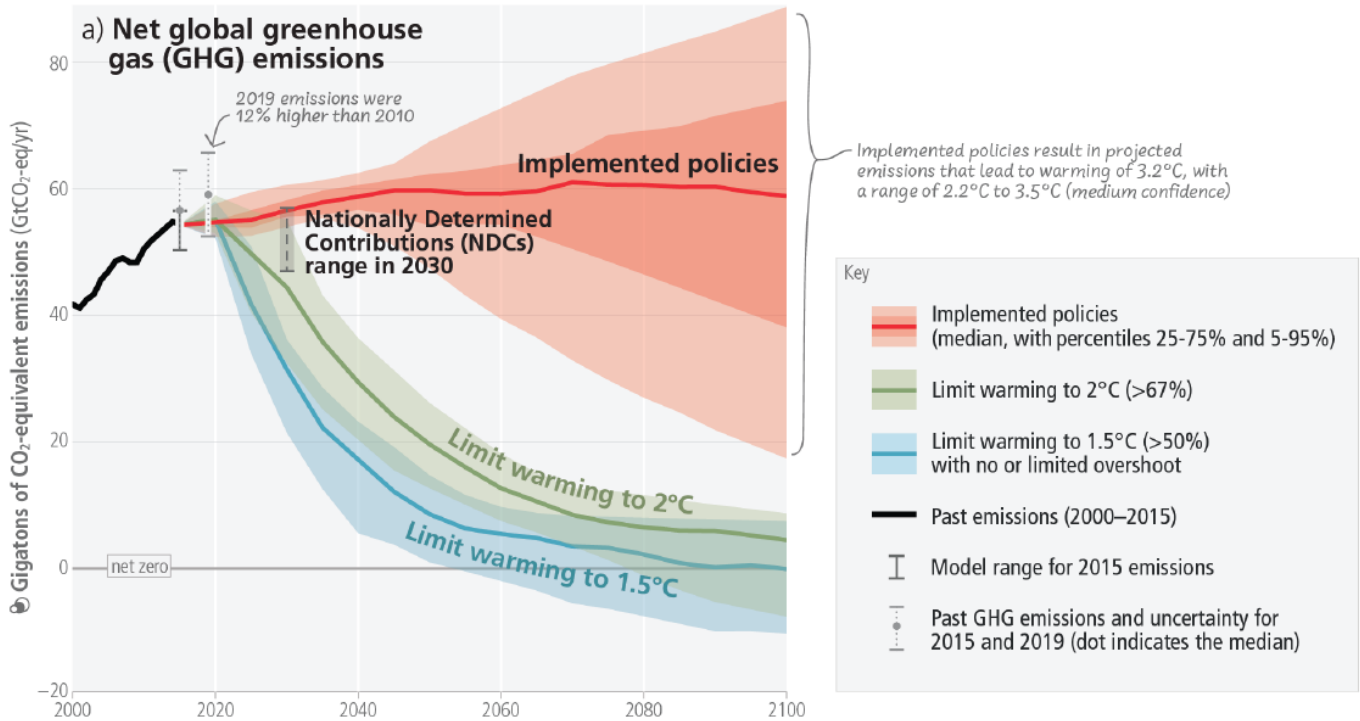
New Mexico Energy-related Carbon Dioxide Emissions in 2018: 45.5 million metric tons 



Methane waste emissions from the oil and gas (O/G) industry are not included on the left. Methane, in the short term, is 150-200 times more potent greenhouse gas than CO₂. Estimates are that in 2021 O/G operations emitted 1.1 mmt... 160 mmt eq CO₂!

Limiting warming to 1.5°C and 2°C involves rapid, deep and in most cases immediate greenhouse gas emission reductions

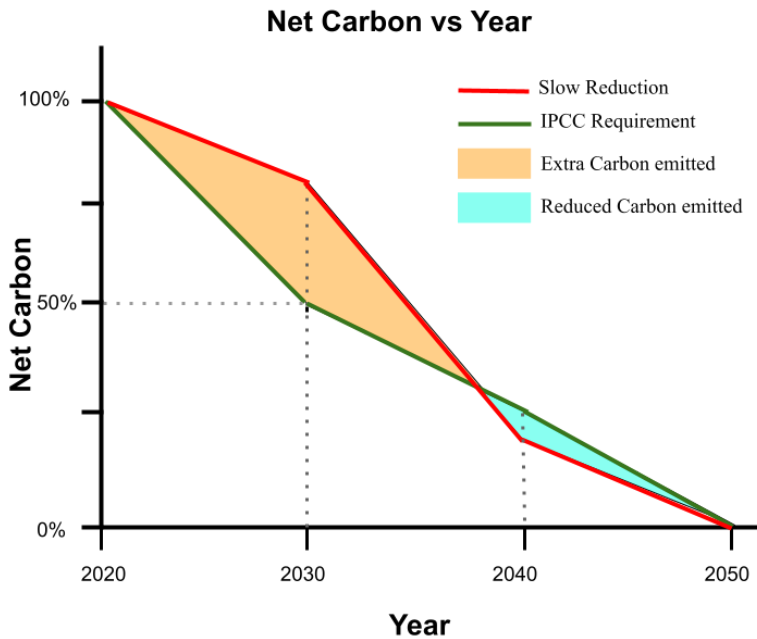
Net zero CO₂ and net zero GHG emissions can be achieved through strong reductions across all sectors



Mar 2023 IPCC report analysis - <https://www.ipcc.ch/report/ar6/syr/> summary for policymakers - pg 23

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The Journey Matters as Much as the Destination



By Solargetic Designs, LLC

NM can reduce carbon emissions ASAP by:

1. Moving to solar/wind (and maybe some geothermal) with carbon-free energy storage for electricity generation.
2. Electrify our transportation sector
3. Electrify our industrial sector
4. Plug underperforming O/G wells

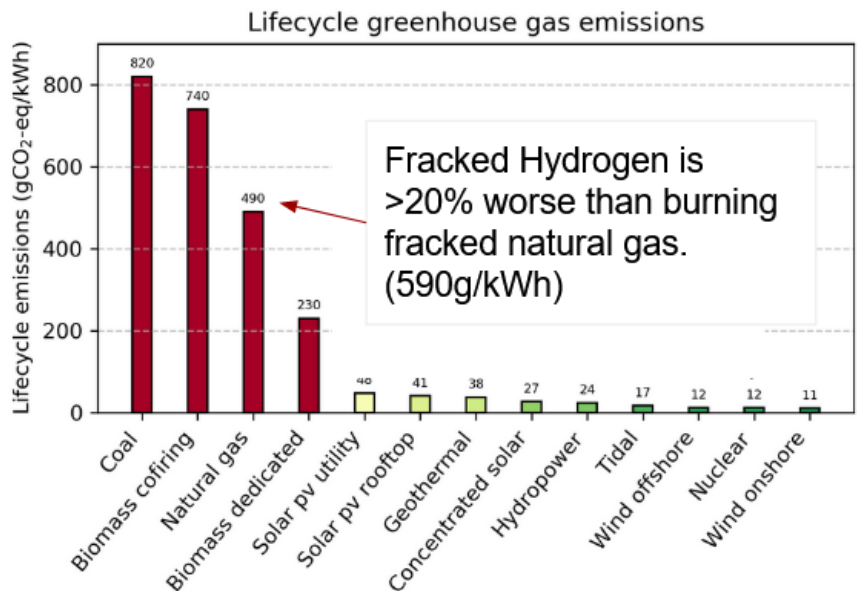
Individuals can make a personal commitment to:

1. Limit flying until airlines commit to reducing their emissions
2. Use pedal power, electrify their vehicle, and/or use mass transit
3. Electrify/solarize water and space heating
4. Electrify/solarize cooking (for better indoor air quality, as well)
5. Buy local

Don't get distracted by false or fluff solutions like:

1. Hydrogen for electric generation, especially if it will be made with carbon-based materials.
2. Direct Air Carbon Capture & Sequestration
3. Vegetative, ocean or soil, carbon sequestration
4. Regenerative Farming
5. Plastic Waste reduction

All these efforts detract from the main efforts needed and have little to no impact on net fossil fuel emission reduction.



Schlömer S., et al., 2014: Annex III: Technology-specific cost and performance parameters. In: Climate Change 2014: Mitigation of Climate Change. Contribution of Working Group III to the Fifth Assessment Report of the IPCC (Table A.III.2, pg 1335). Plot by whatisnuclear.com.

HAPPY EARTH DECADE