

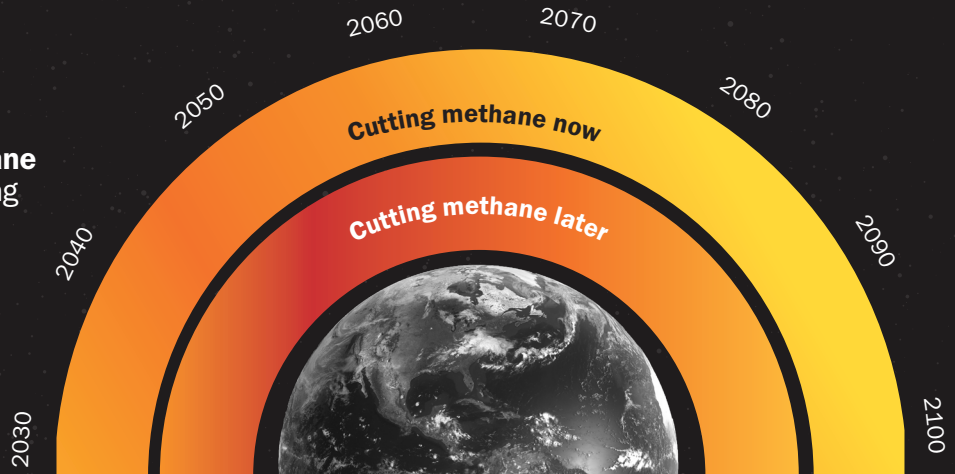
Methane makes the planet get hotter, faster

Reducing CO₂ without also **cutting methane** increases risk of global temperatures rising above 2°C before 2050.

Projected temperature (C) increases under various emission reduction scenarios.

1.5° 1.75° 2.0°

Data from Sun et al 2021. Both scenarios assume fast CO₂ reductions.



Every degree of warming increases the risk of extreme weather.



Heavier rainfall and more intense storms. Warmer air carries more moisture and more severe flooding.



Less ice, more heat. Melting sea ice creates darker oceans that absorb more heat, while a warming climate also thaws permafrost, releasing methane into the atmosphere.



More droughts, less water, fewer crops. A 2°C increase in warming means billions more people will experience water scarcity and crop yields will decline significantly.

Quickly reducing methane and CO₂ is the only sustainable climate solution.

A short-lived but potent greenhouse gas, methane is causing a third of current global warming.

According to the International Energy Agency, 30% of methane emissions from the oil and gas sector could be eliminated today at no net cost with current tools and technologies.

Delaying methane reductions will cause avoidable climate damage and put more communities and economies at risk, because the faster temperatures rise, the less time we have to adapt.

