

Methane: the global picture

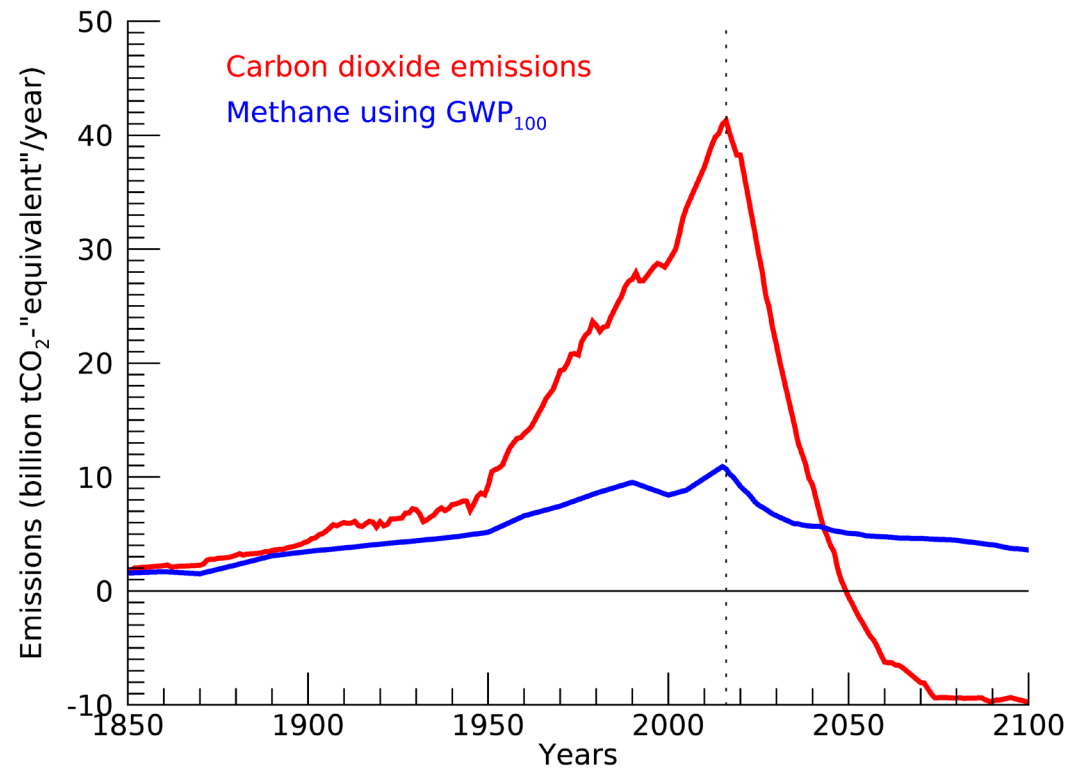
Myles Allen

School of Geography and the Environment & Department of Physics

University of Oxford

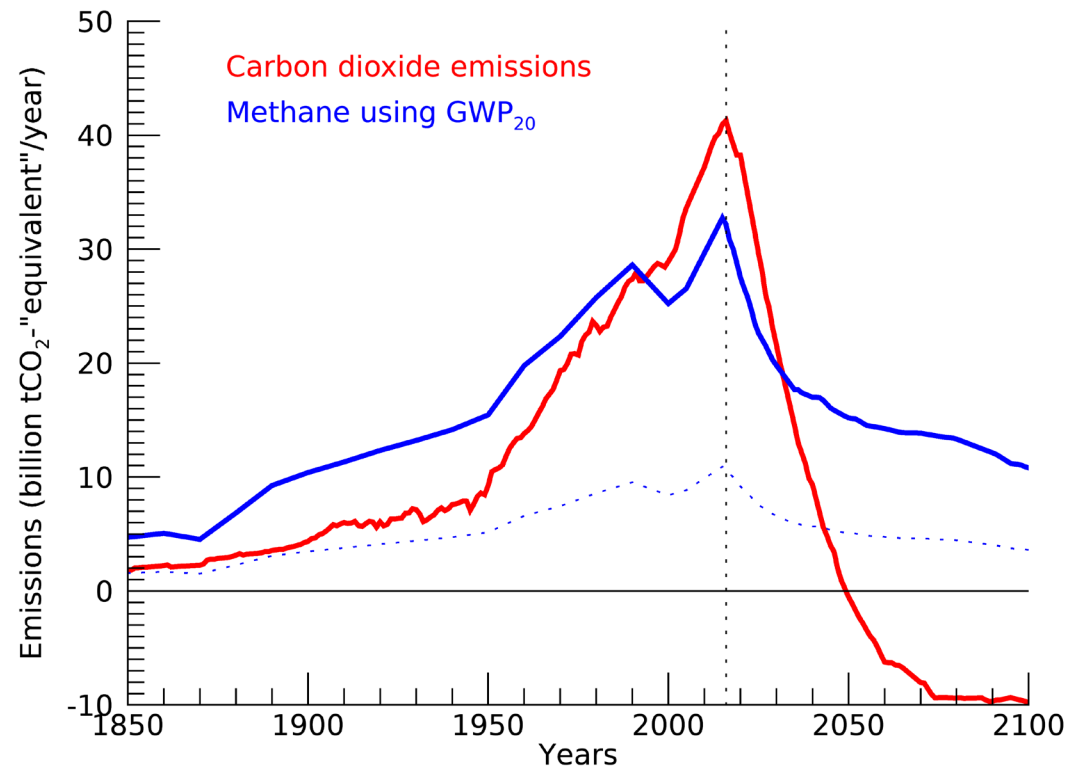
<http://netzeroclimate.org>

Global methane emissions are a big problem



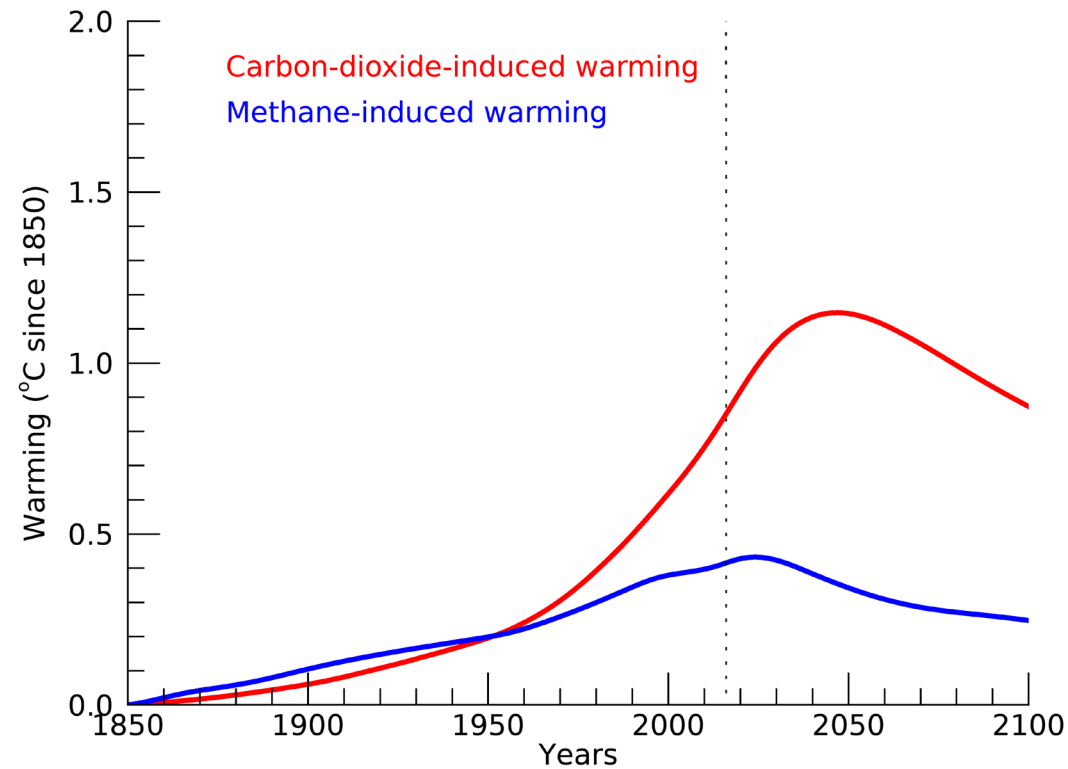
Historical emissions to 2016
then following a representative
“1.5°C scenario”

But how big?



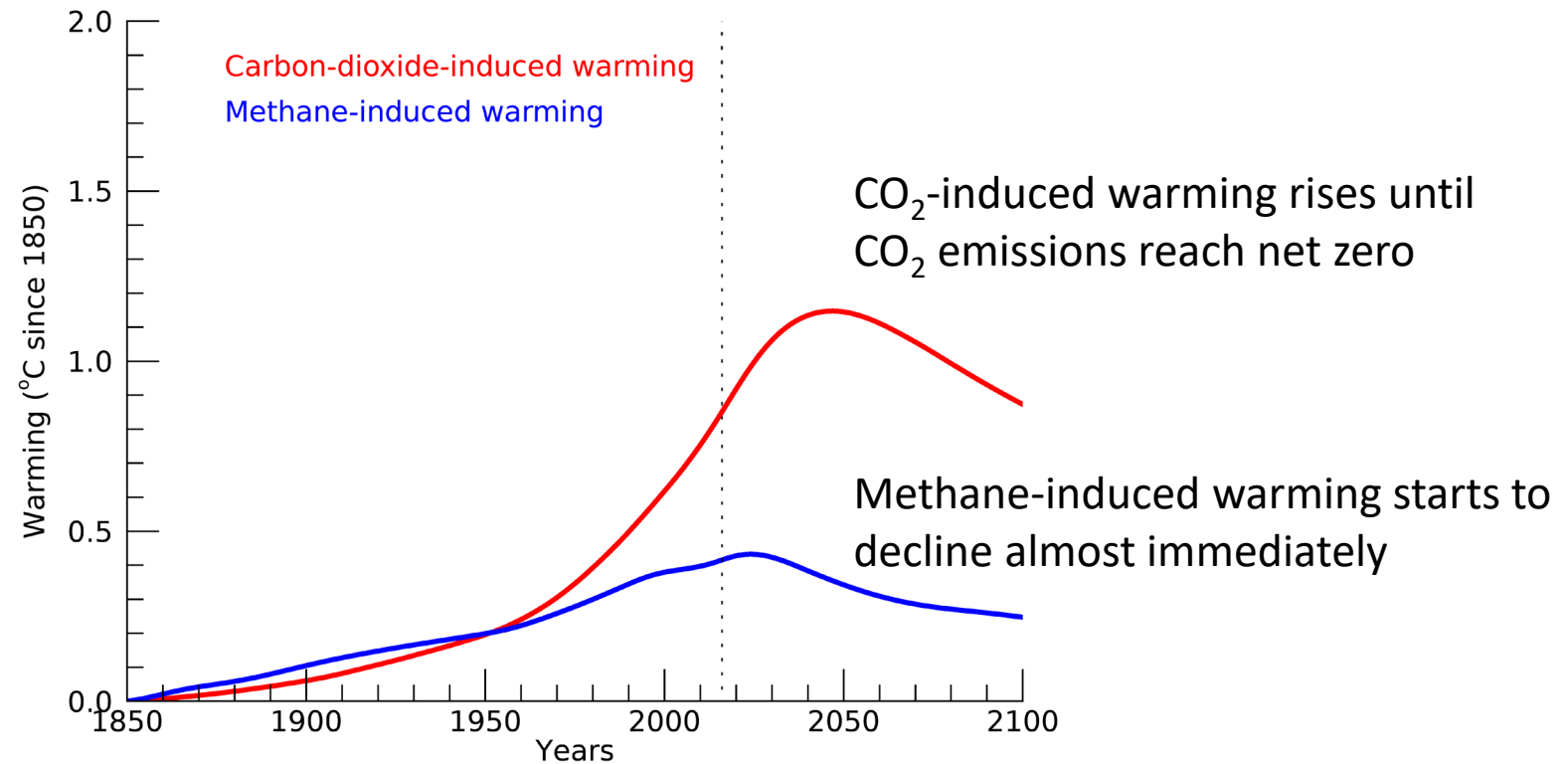
Historical emissions to 2016
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Methane emissions to date have caused almost half the warming caused by CO₂

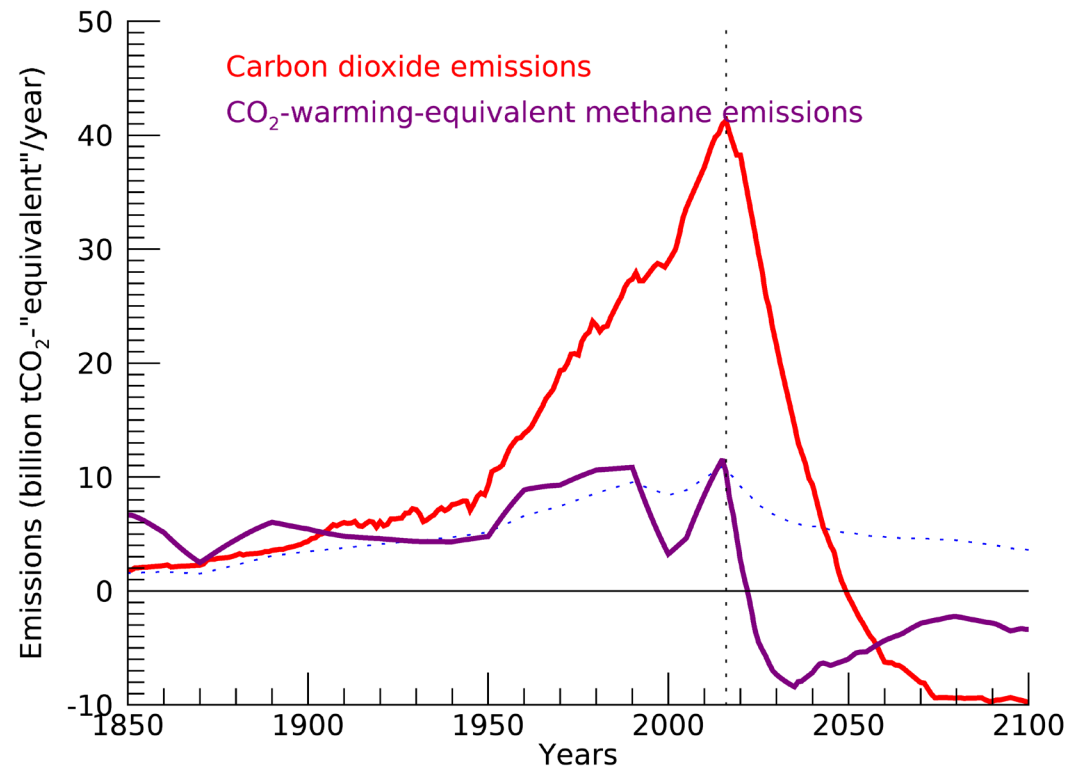


Historical emissions to 2016
then following a representative
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But responses to declining emissions of CO₂ and methane are very different

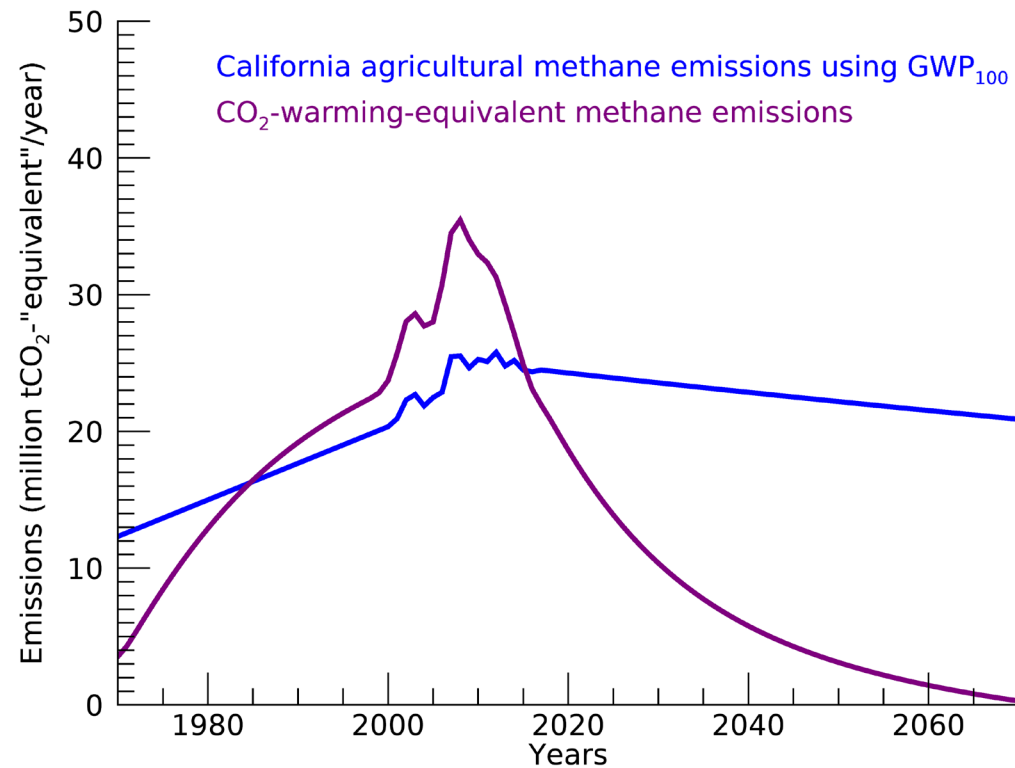


Only active CO₂ removal can reproduce the temperature response to falling methane emissions



CO₂ emissions that would give the same global temperature changes as these methane emissions (does not depend on GWP choice etc.)

Two perspectives on California's agricultural methane emissions



CO₂ emissions that would give the same global temperature changes as these methane emissions (does not depend on GWP choice etc.)

Traditional CO₂-equivalent emissions mislead as soon as emissions start to fall

