



# Some observations from the PCE

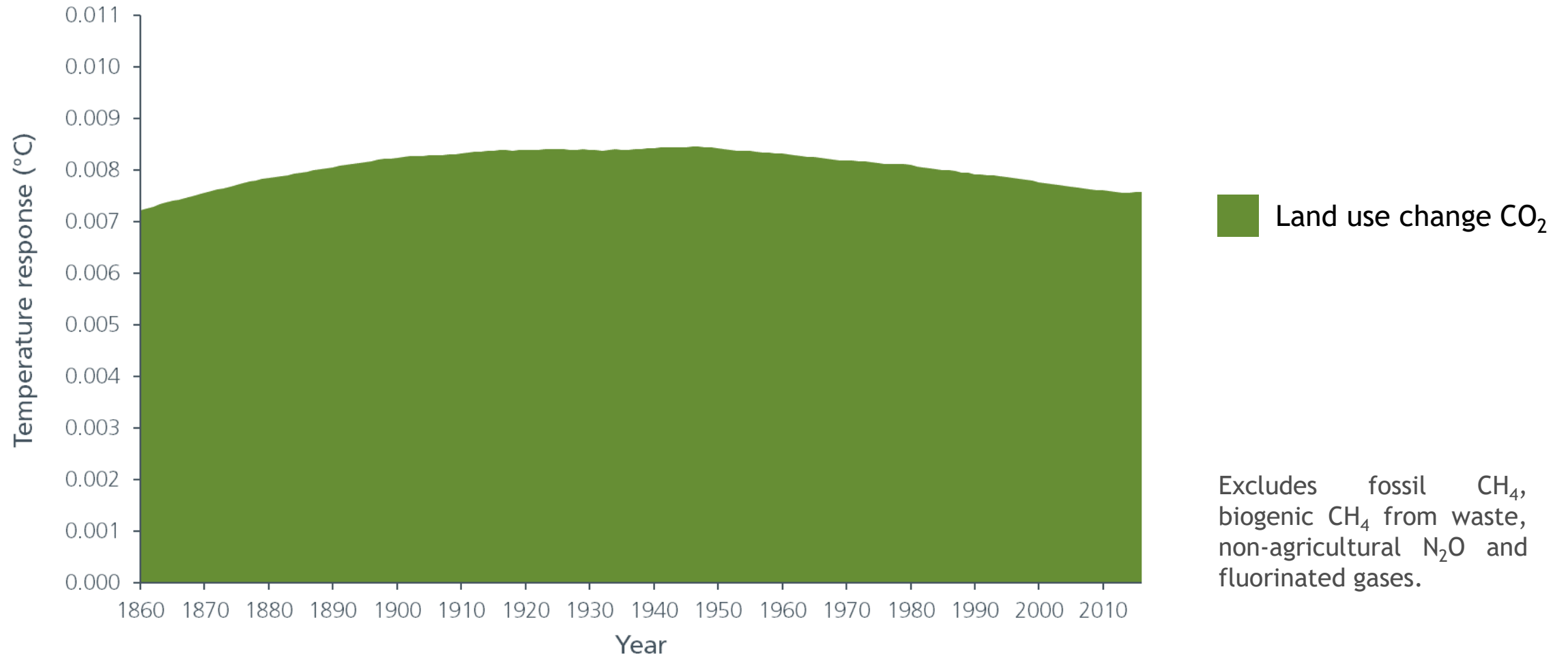
New Zealand Agricultural Climate Change Conference, 1 March 2023



Parliamentary Commissioner for the Environment

Te Kaitiaki Taiao a Te Whare Pāremata

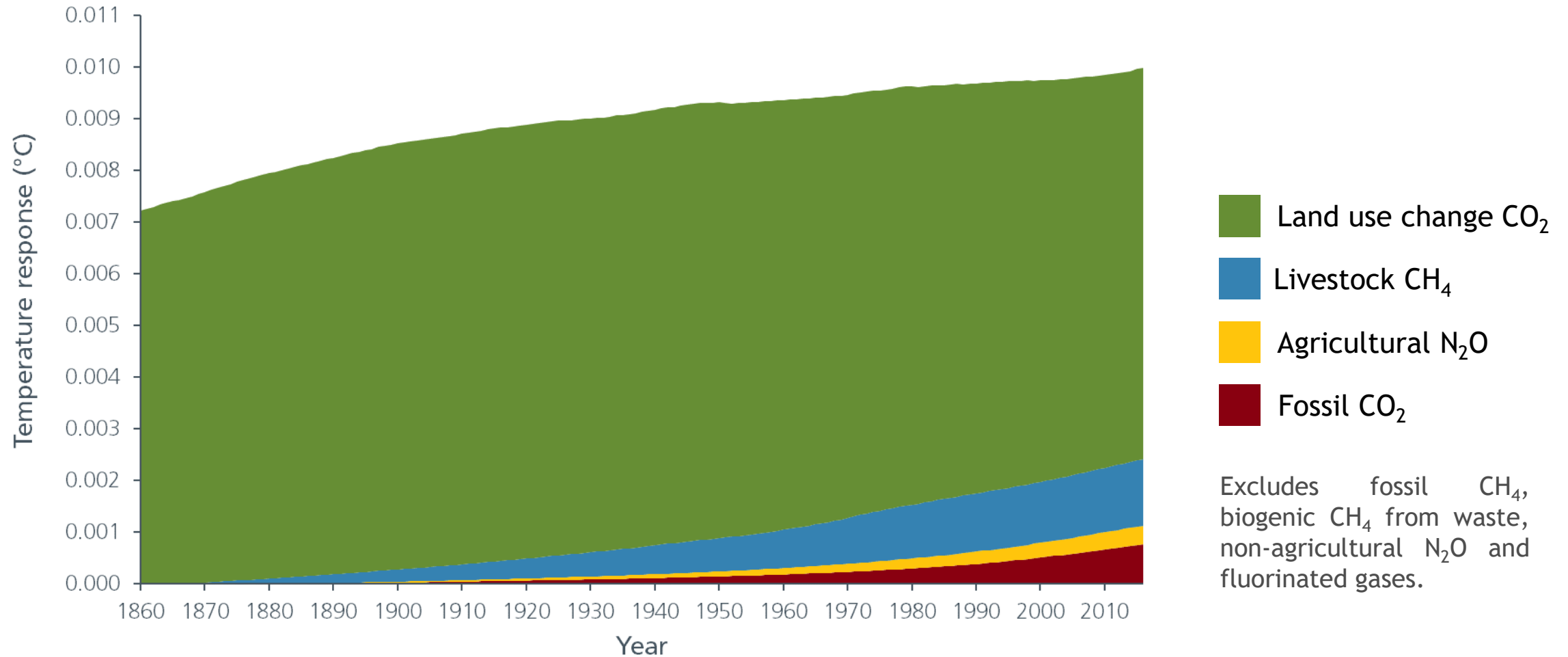
# Warming from emissions to date



Source: PCE, 2019. Farms, forests and fossil fuels.



# Warming from emissions to date

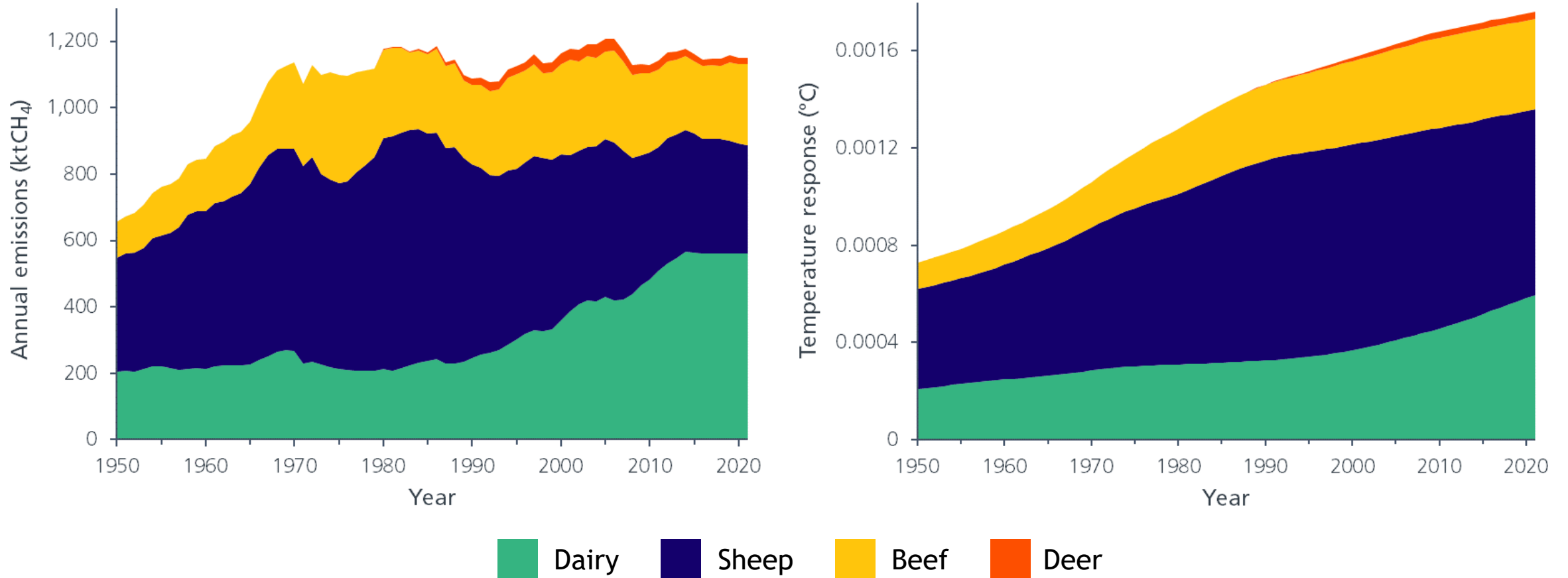


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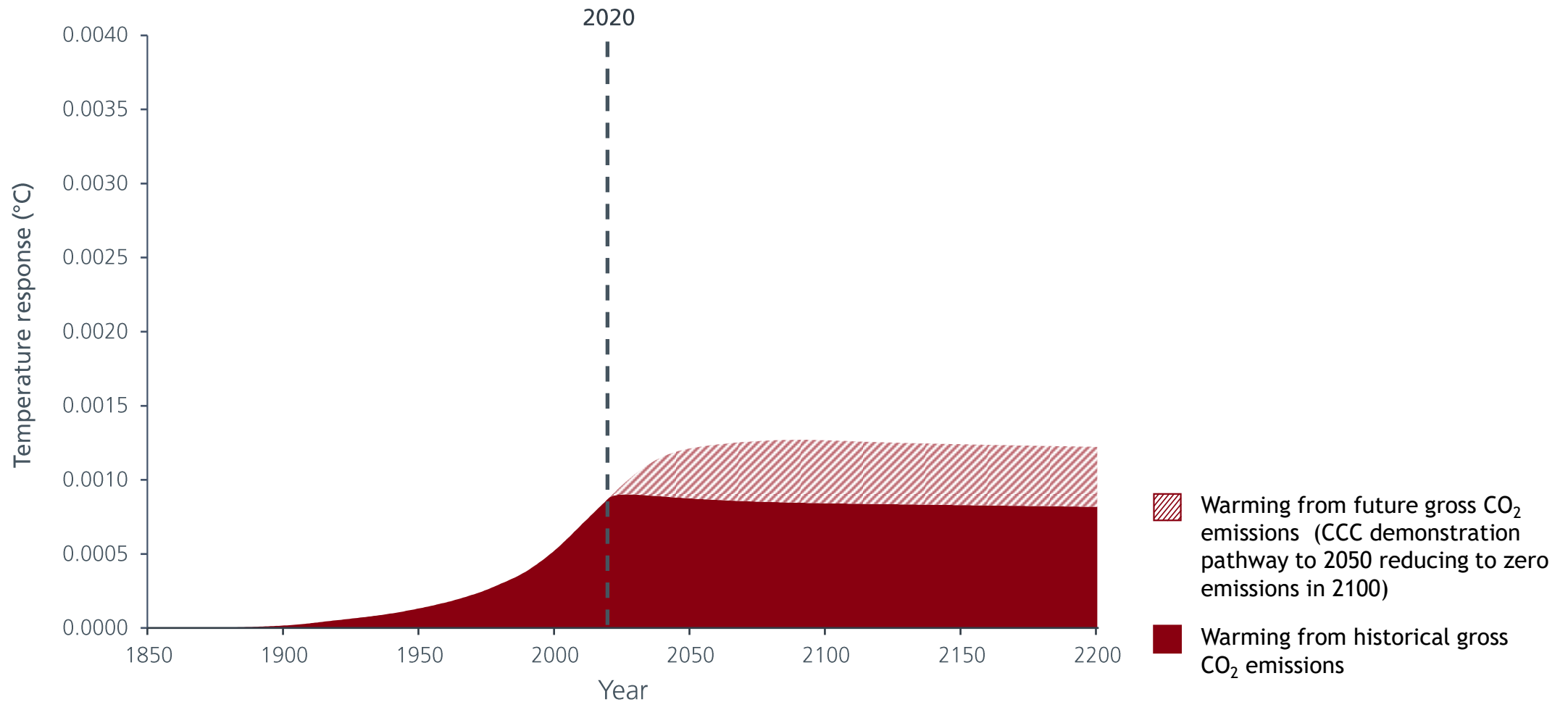


# Livestock methane emissions and warming



Source: PCE, 2022. How much forestry would be needed to offset warming from agricultural methane?

# Warming from past and future emissions

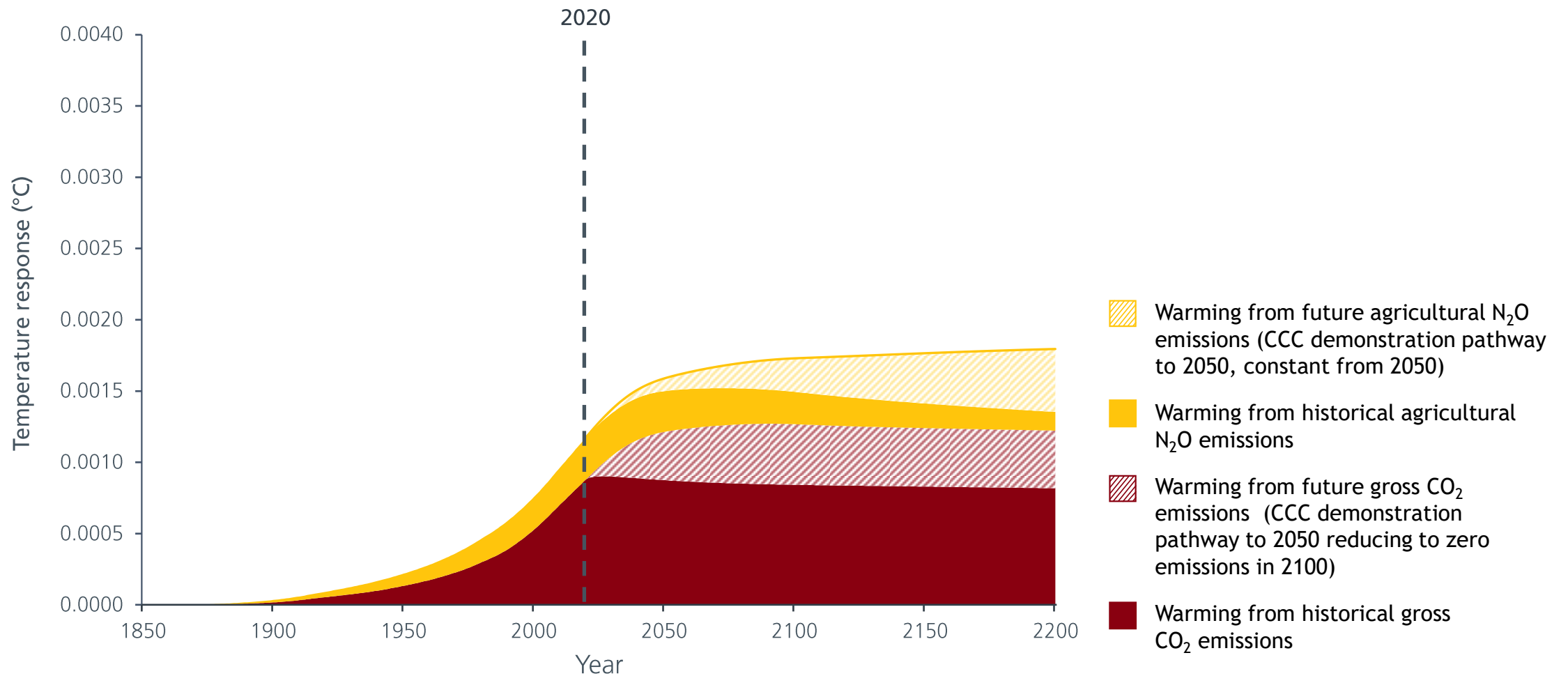


Excludes fossil CH<sub>4</sub>, biogenic CH<sub>4</sub> from waste, non-agricultural N<sub>2</sub>O and fluorinated gases.

Source: PCE, 2022. How much forestry would be needed to offset warming from agricultural methane?



# Warming from past and future emissions

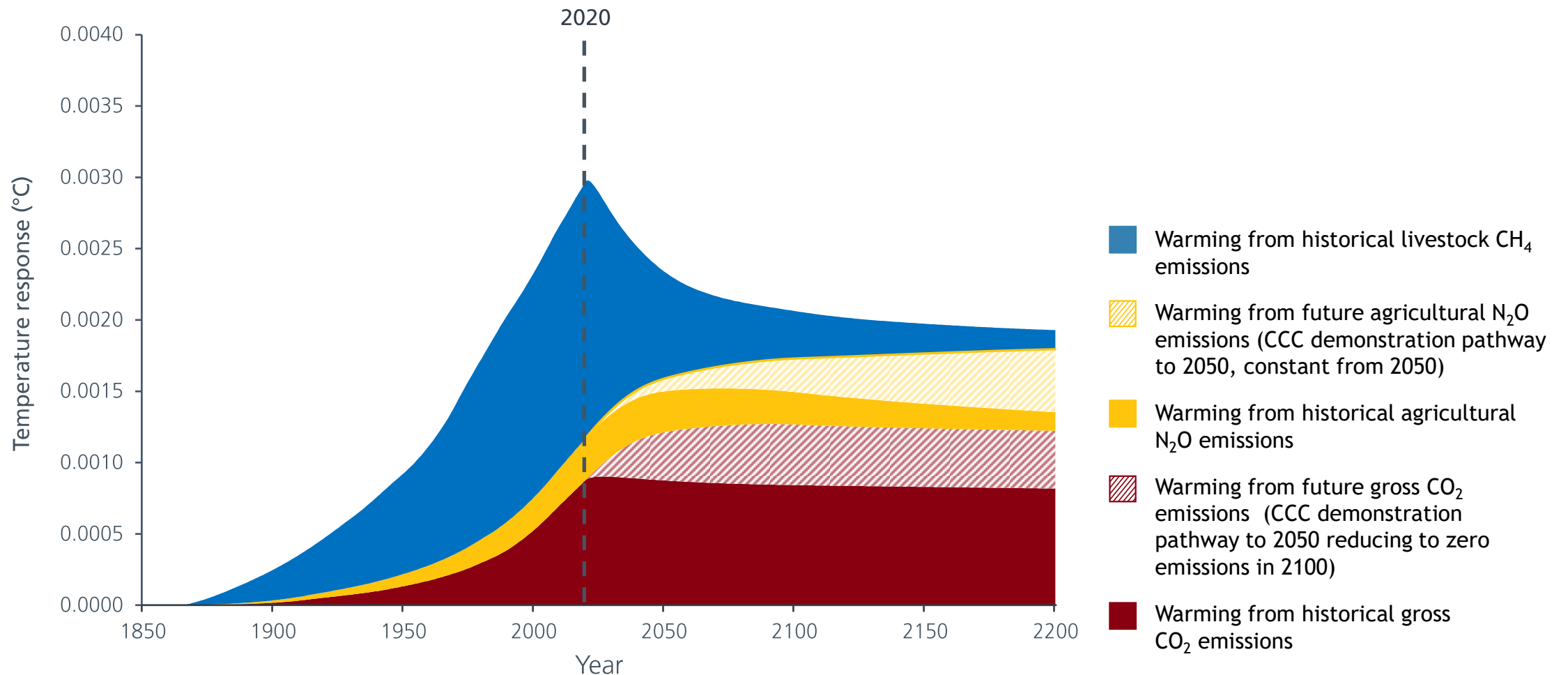


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Source: PCE, 2022. How much forestry would be needed to offset warming from agricultural methane?



# Warming from past and future emissions

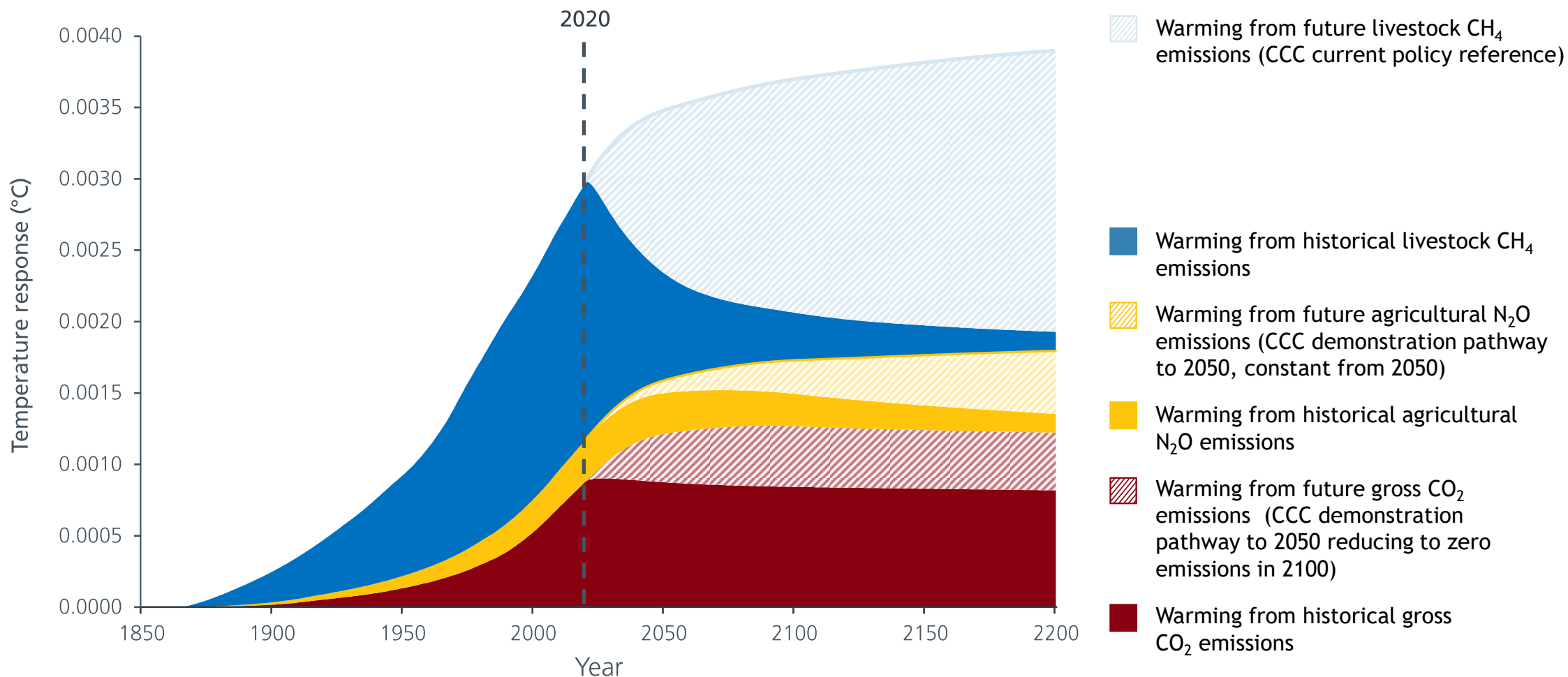


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# Warming from past and future emissions



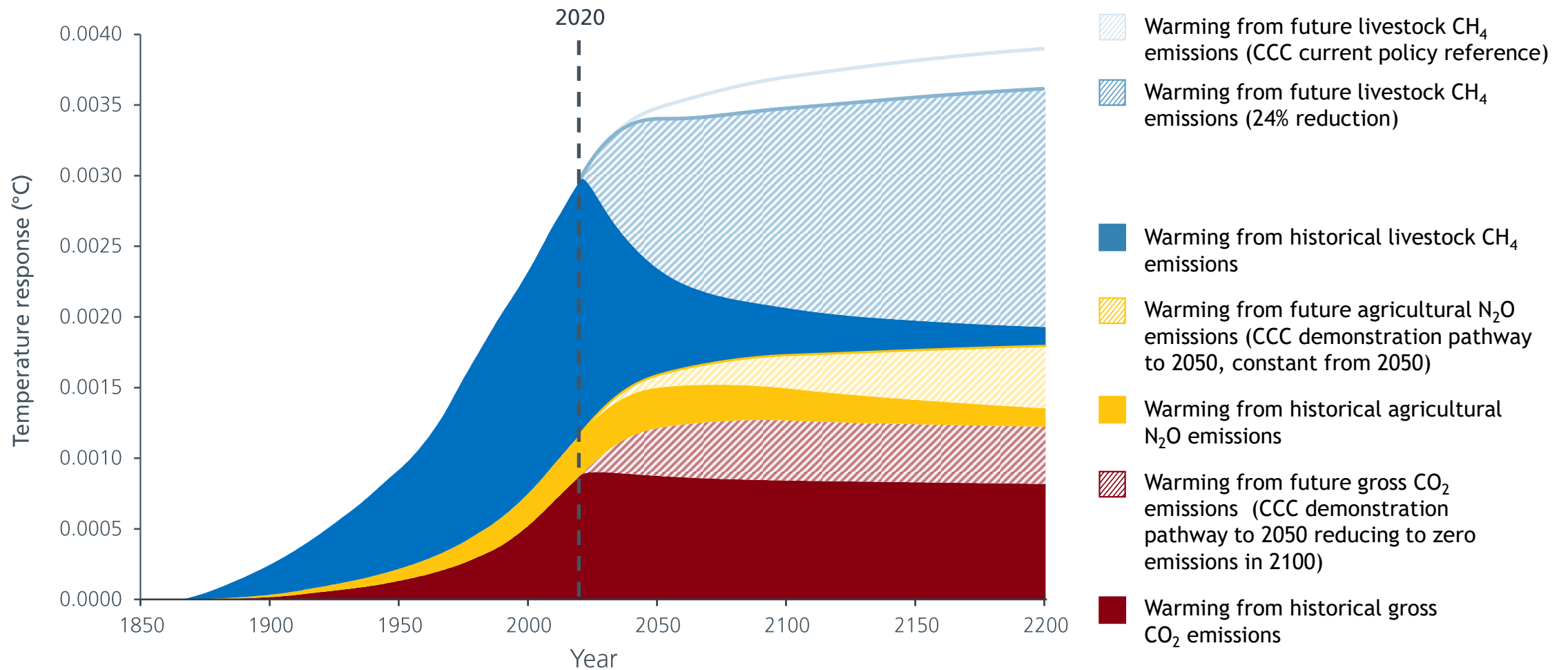
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# Warming from past and future emissions

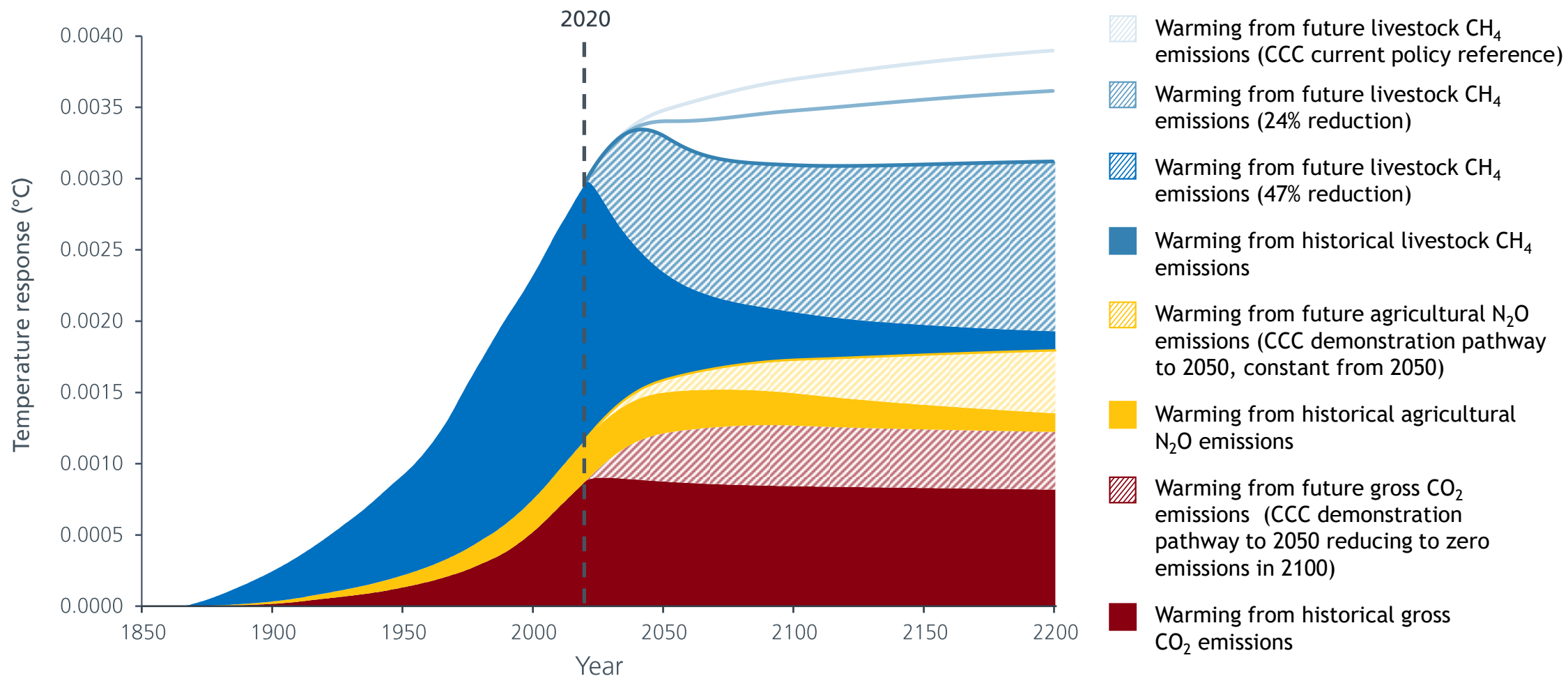


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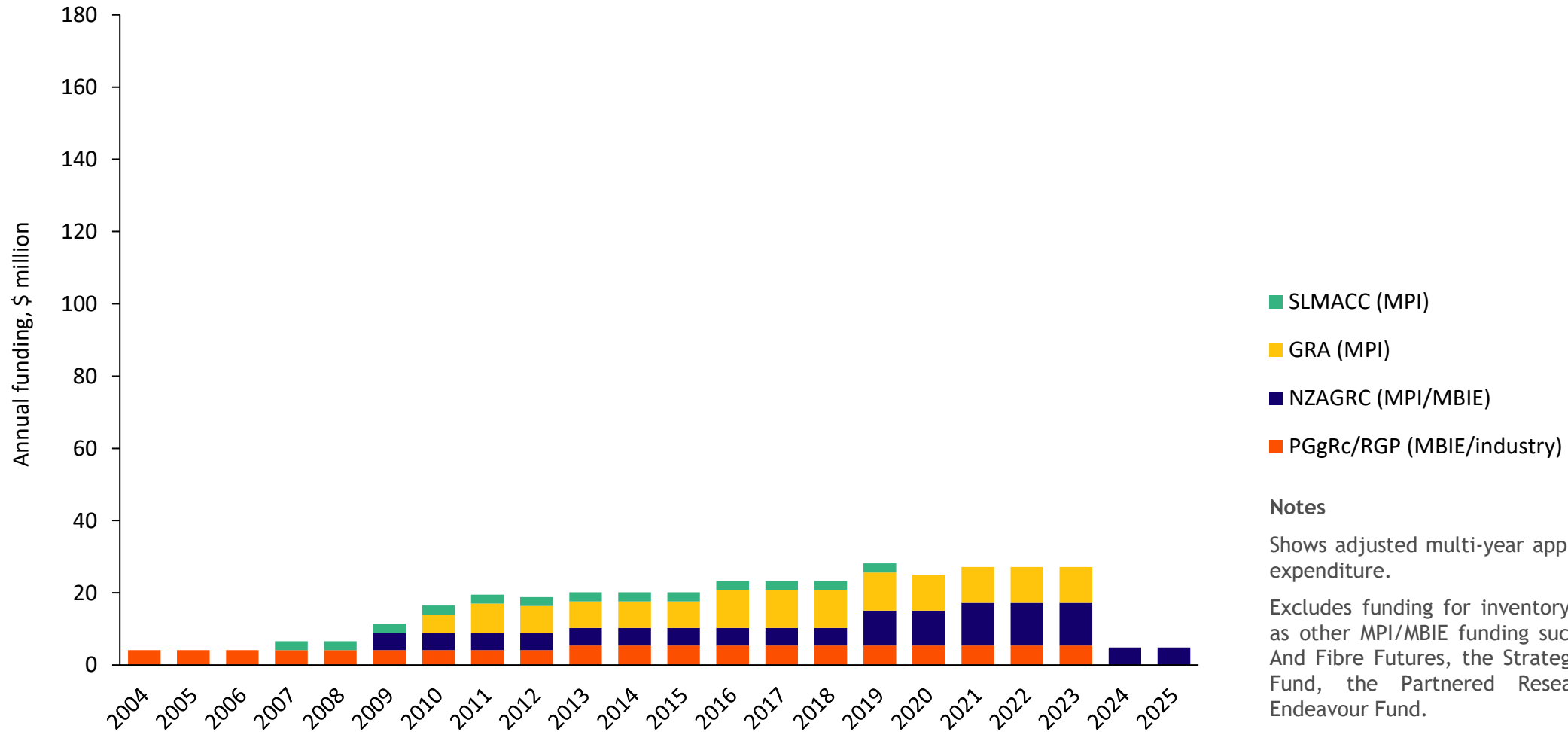


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# Funding for agricultural greenhouse gas mitigation research



## Notes

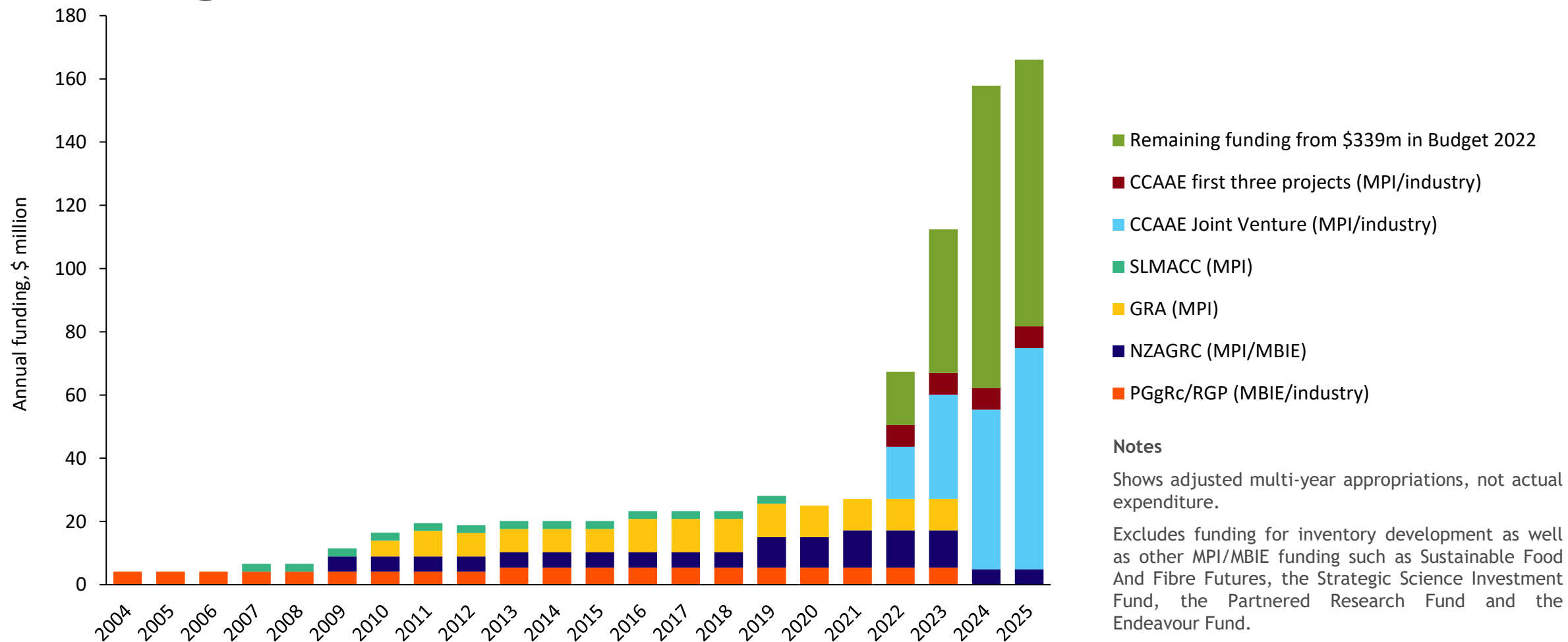
Shows adjusted multi-year appropriations, not actual expenditure.

Excludes funding for inventory development as well as other MPI/MBIE funding such as Sustainable Food And Fibre Futures, the Strategic Science Investment Fund, the Partnered Research Fund and the Endeavour Fund.

Sources: PGgRc and NZAGRC, The structure of agricultural greenhouse gas research in New Zealand; annual budget documents



# Funding for agricultural greenhouse gas mitigation research



Sources: PGgRc and NZAGRC, The structure of agricultural greenhouse gas research in New Zealand; annual budget documents

