

Generation Zero





ZERO CARBON ACT

0

WWW.ZEROCARBONACT.NZ

Key takeaways (yum)

- ✓ Methane must be significantly reduced
- ✓ Two baskets = more clarity
- ✓ The Zero Carbon Act is about the end-game



Productivity Commission, Final Report: Low Emissions Inquiry

“Just because the level of biogenic CH₄ emissions stabilises (meaning no net increase in warming occurs due to biogenic CH₄), this does not mean that efforts to reduce the level of peak warming cannot or should not occur partly by way of further biogenic CH₄ mitigation.

This is similar to the likely need for emissions of long-lived gases to become negative at some point.

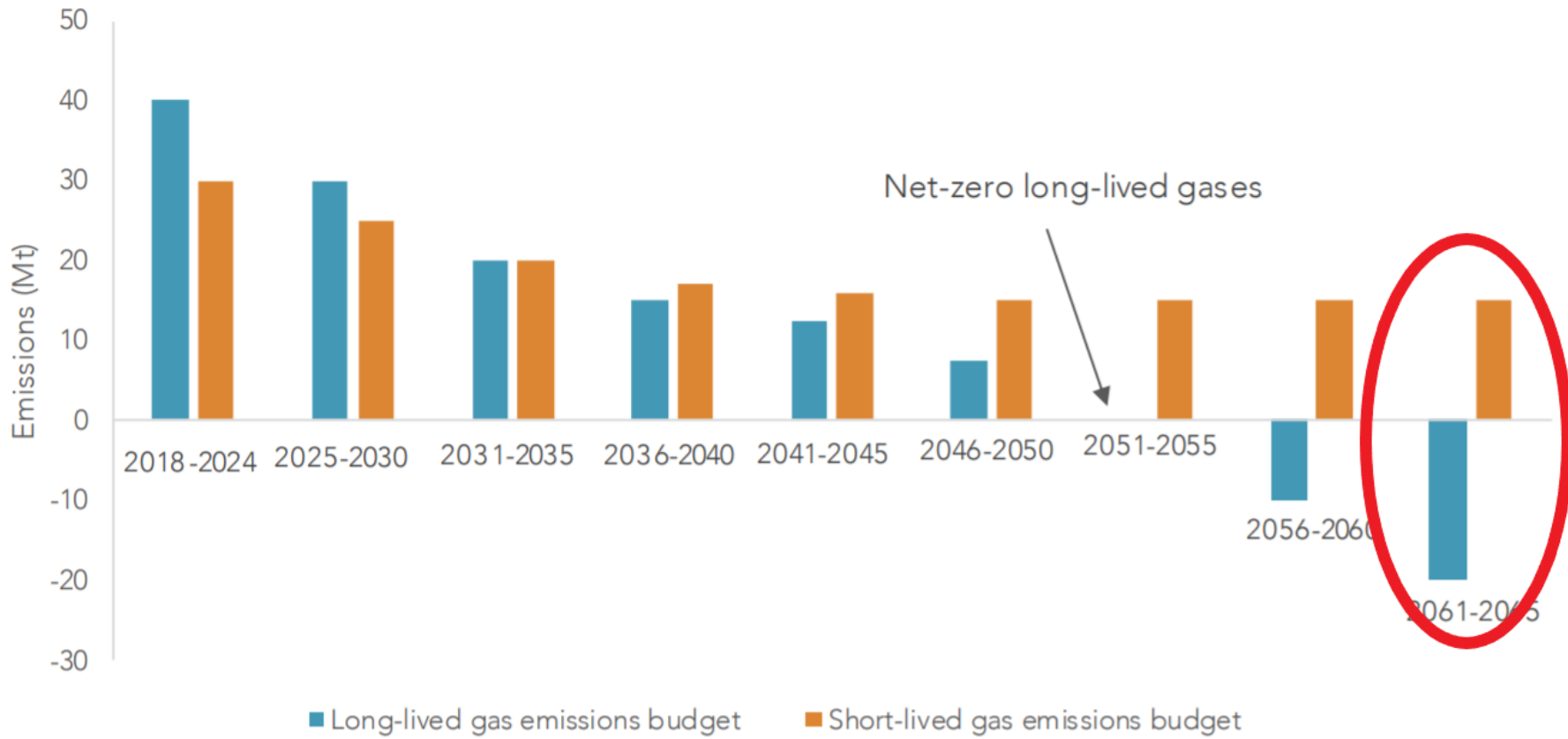
All activities that produce GHGs have a role to play in limiting peak warming to well below 2°C.”

Two baskets =
more clarity

- Montreal Protocol approach
- More clarity
- Doesn't limit ambition



Figure 9-9 Stylised depiction of separate emissions budgets for short- and long-lived gases



- ✓ Overall: net zero all gases by 2050
 - ✓ Significant methane reductions
 - ✓ Two baskets approach for clarity

The Zero Carbon Act is about the end-game

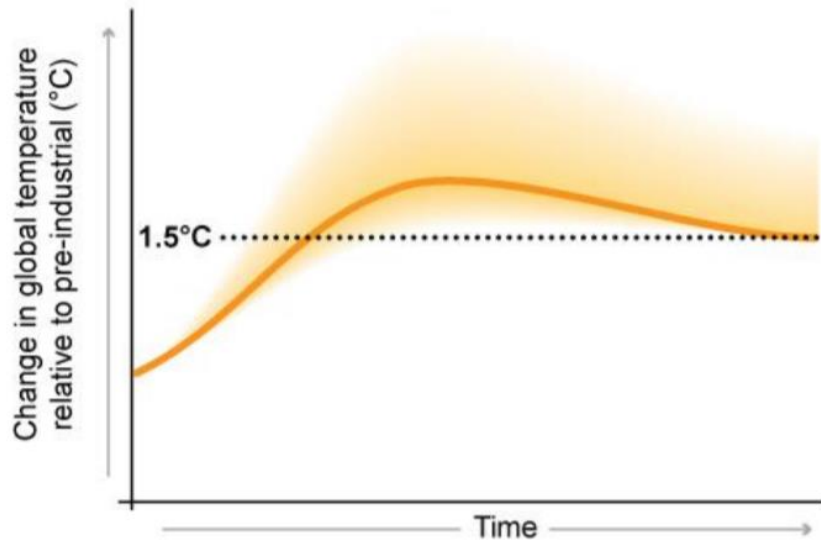
- Tikanga and Mātauranga Māori
- Long-term signals
- Just transition



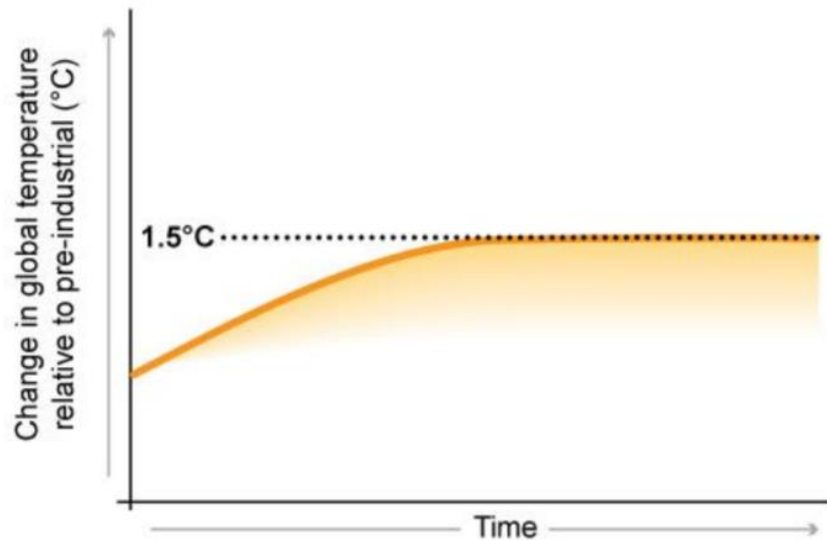
FAQ2.1: Conceptual pathways that limit global warming to 1.5°C

Two main pathways illustrate different interpretations for limiting global warming to 1.5°C. The consequences will be different depending on the pathway

Global temperature temporarily exceeds 1.5°C before returning later in the century



Global temperature stabilises at or below 1.5°C above preindustrial levels



The Zero Carbon Act is about the end-game

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