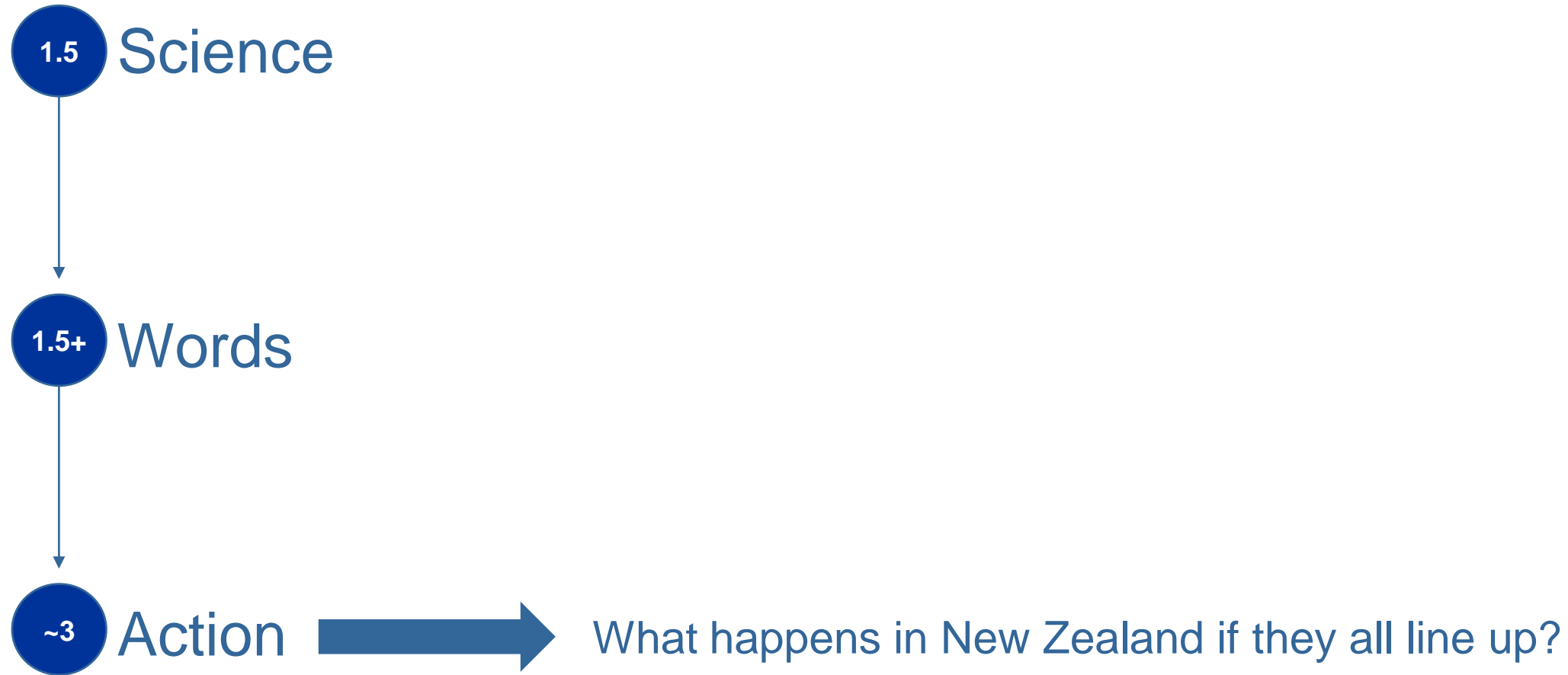


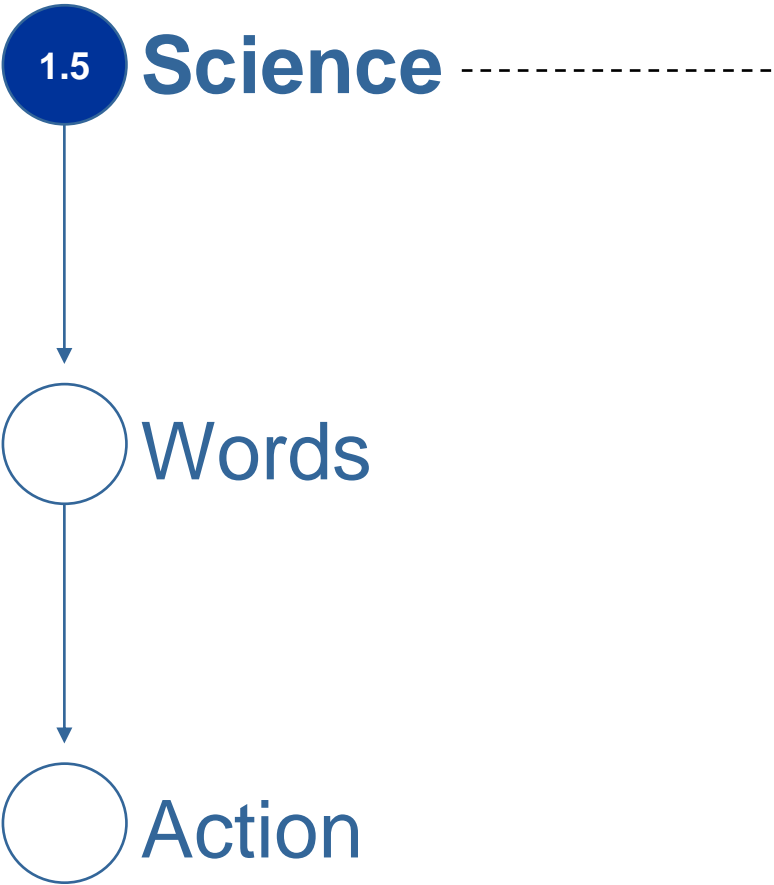
The risks of action on climate change

15
POINT



What is the likelihood of meaningful action on climate change?



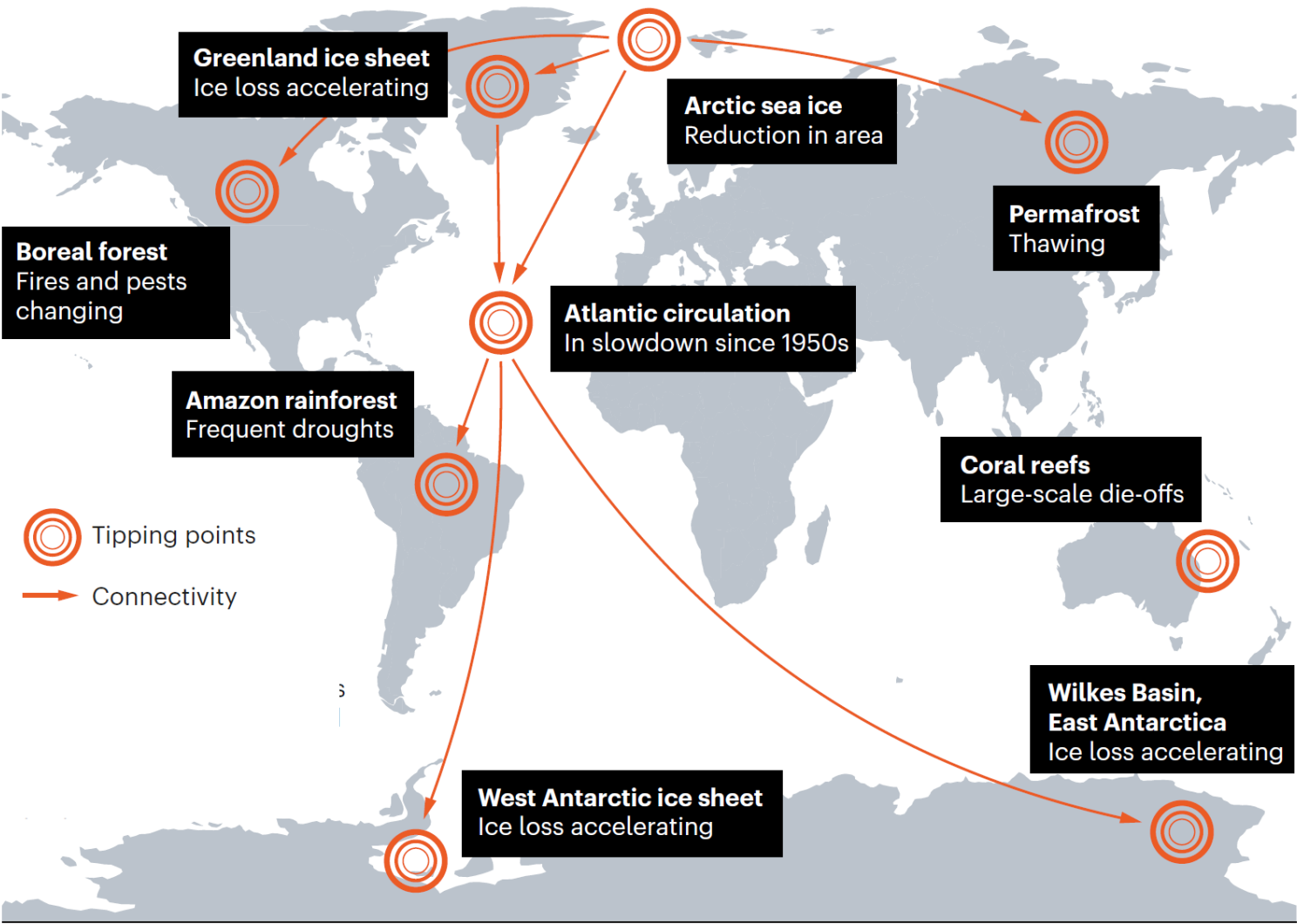


IT'S REAL
IT'S US
EXPERTS AGREE
IT'S BAD
THERE'S HOPE

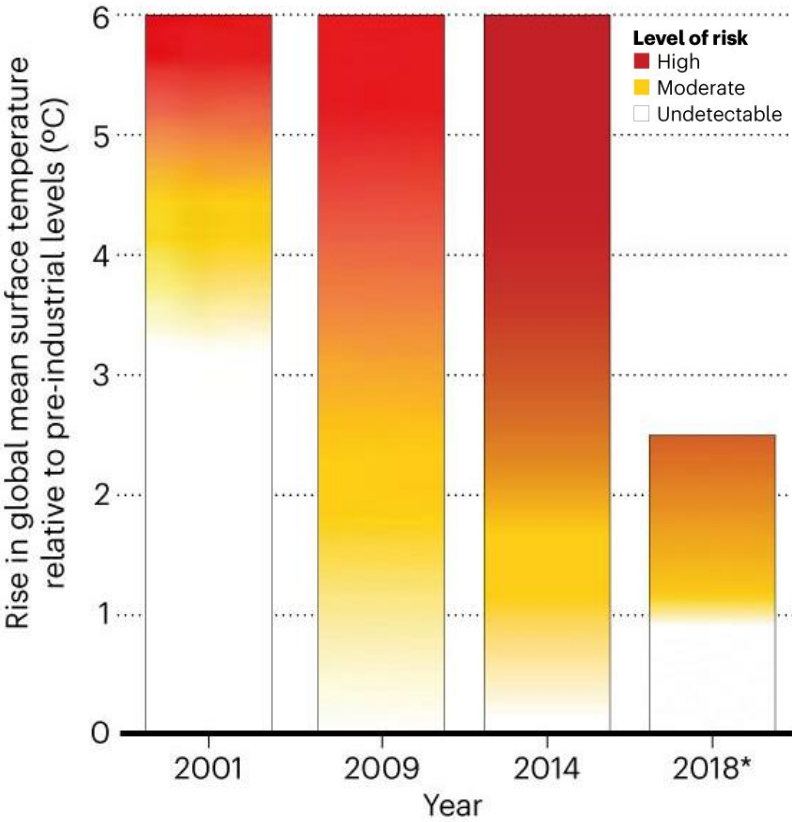
*“It is worse, much worse,
than you think”*

*David Wallace Wells
The Uninhabitable Earth*

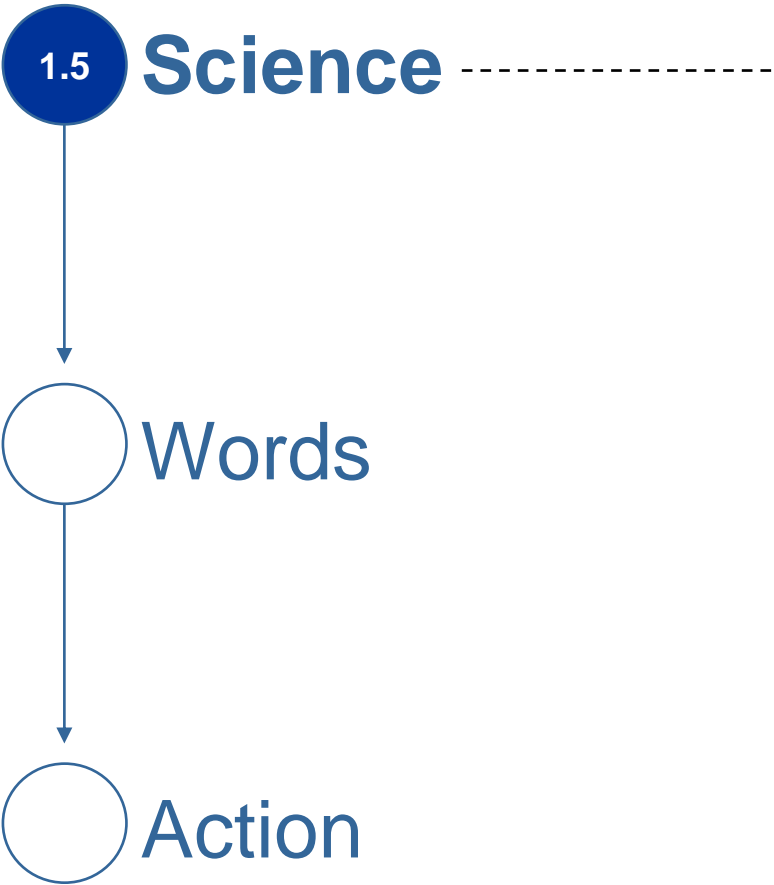
The scientists are screaming that we mustn't go beyond 1.5C



Risk of abrupt and irreversible changes keeps growing



*The 2018 IPCC Special Report: *Global Warming of 1.5 °C* focuses on the temperature range up to 2.5 °C.



IT'S REAL
IT'S US
EXPERTS AGREE
IT'S BAD
THERE'S HOPE



BANK OF ENGLAND



FINANCIAL
STABILITY
BOARD

1.5 Science

1.5+ Words

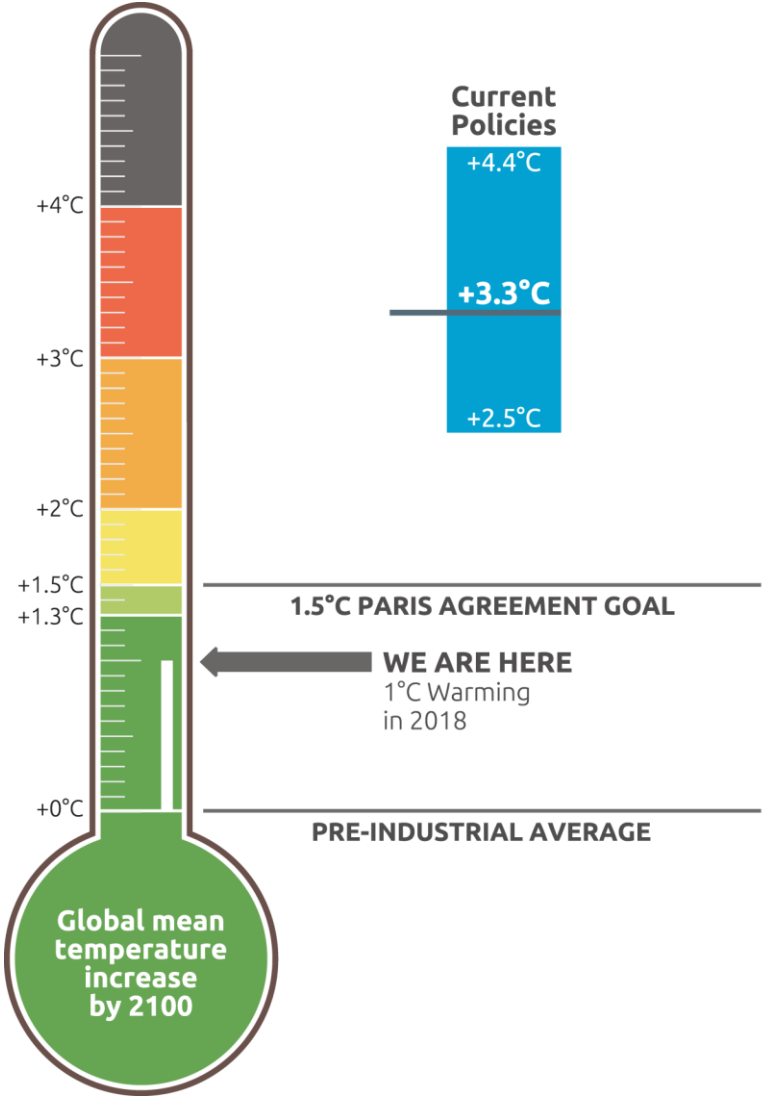
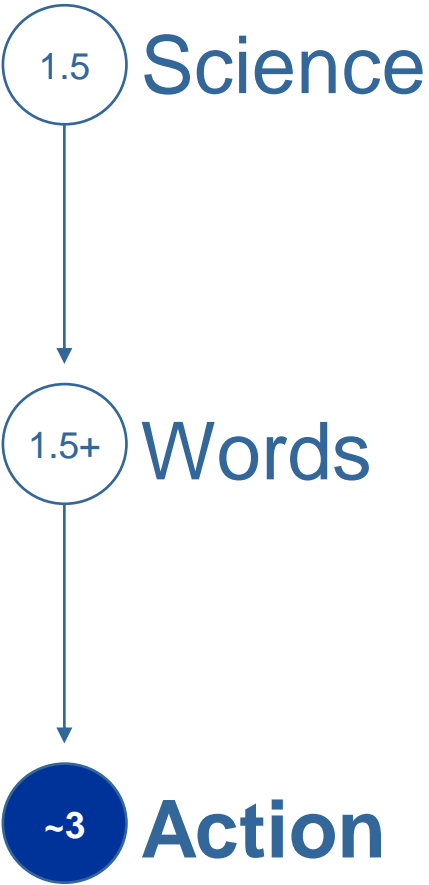
Action

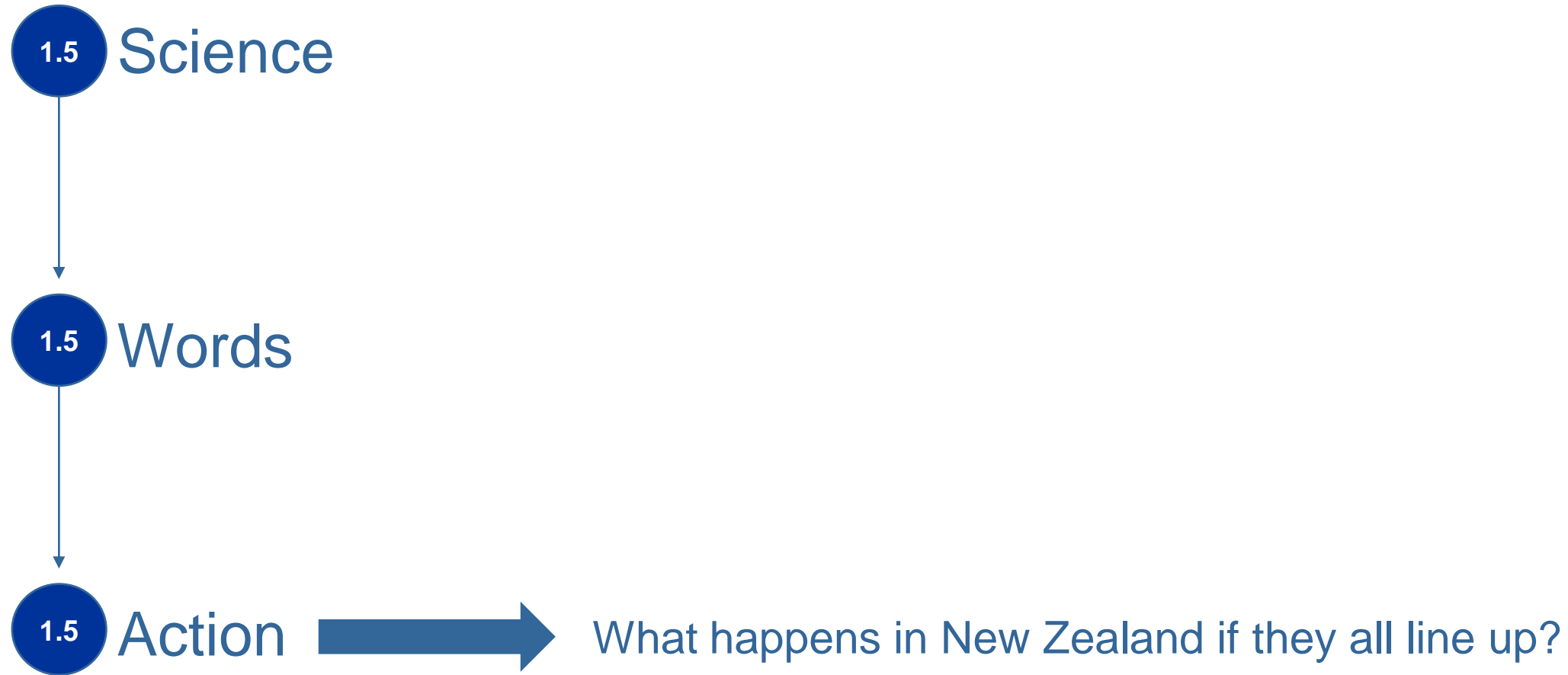


New Zealand Government
Te Kāwanatanga o Aotearoa



We're a long way from Paris...



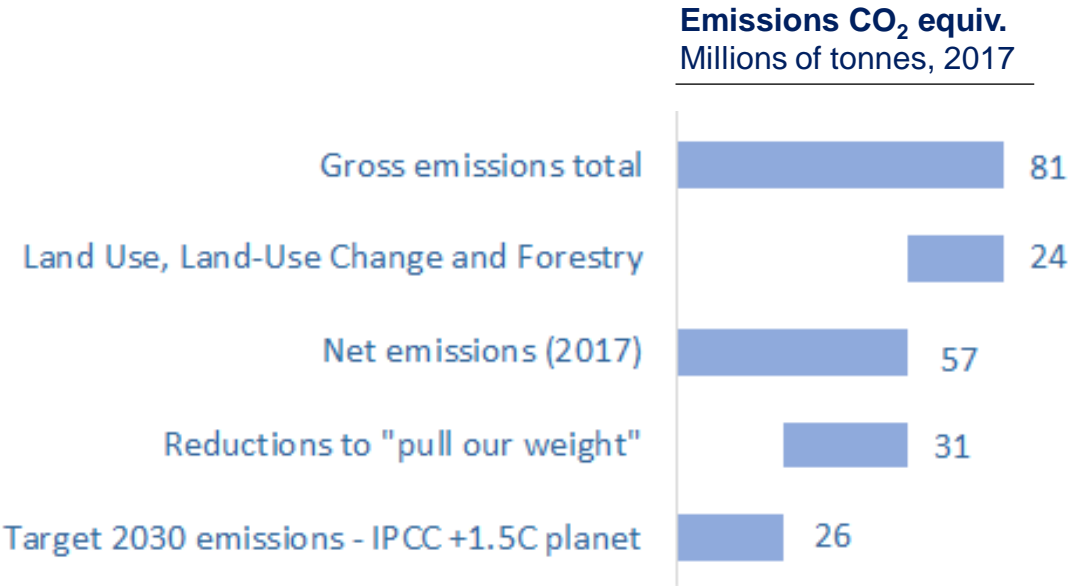


We need a 60% reduction by 2030 to pull our weight

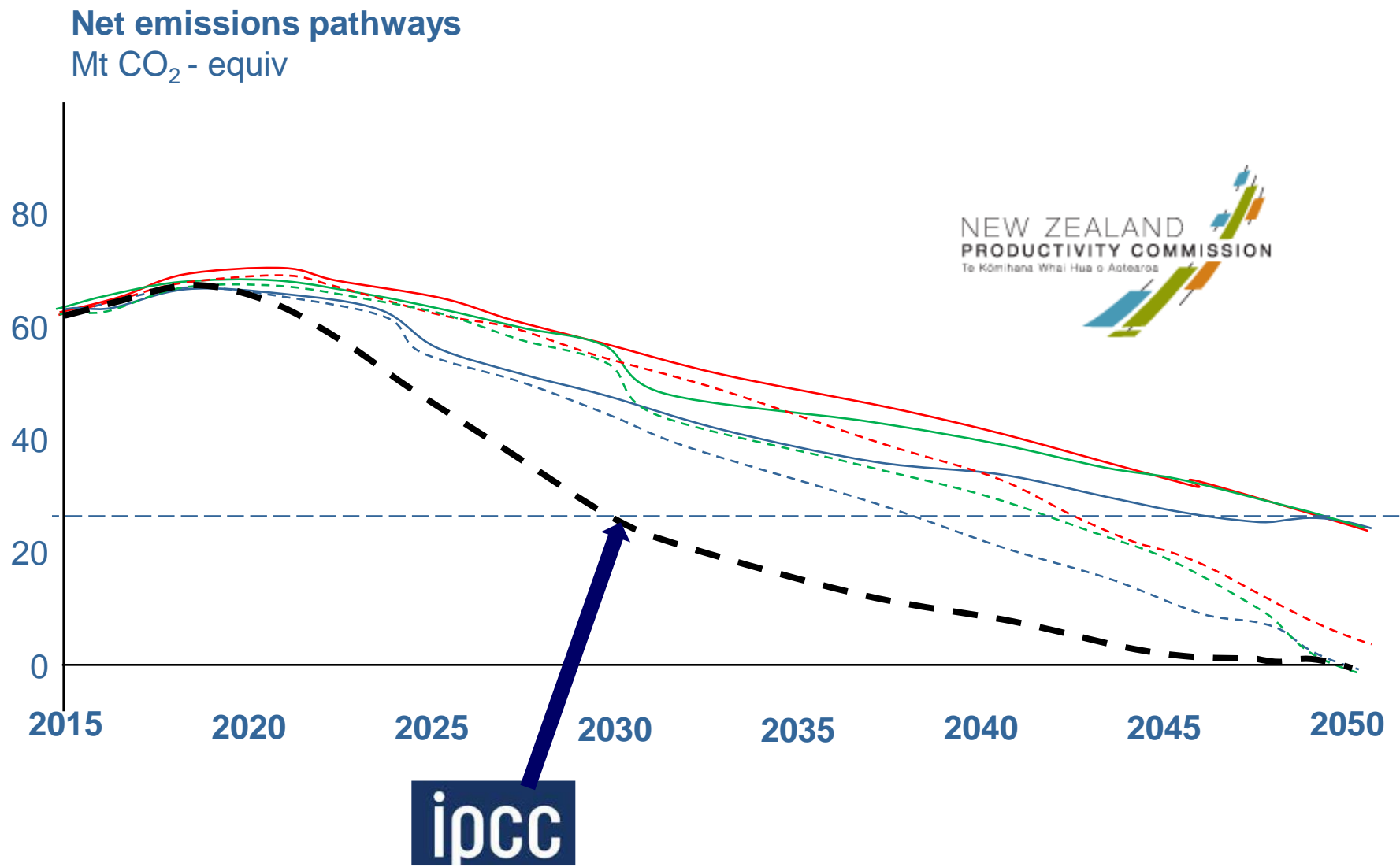
*“In model pathways with no or limited overshoot of 1.5°C, global net anthropogenic CO₂ emissions decline by about 45% from 2010 levels by 2030,...”**

[nb 54% from NZ 2017 levels]

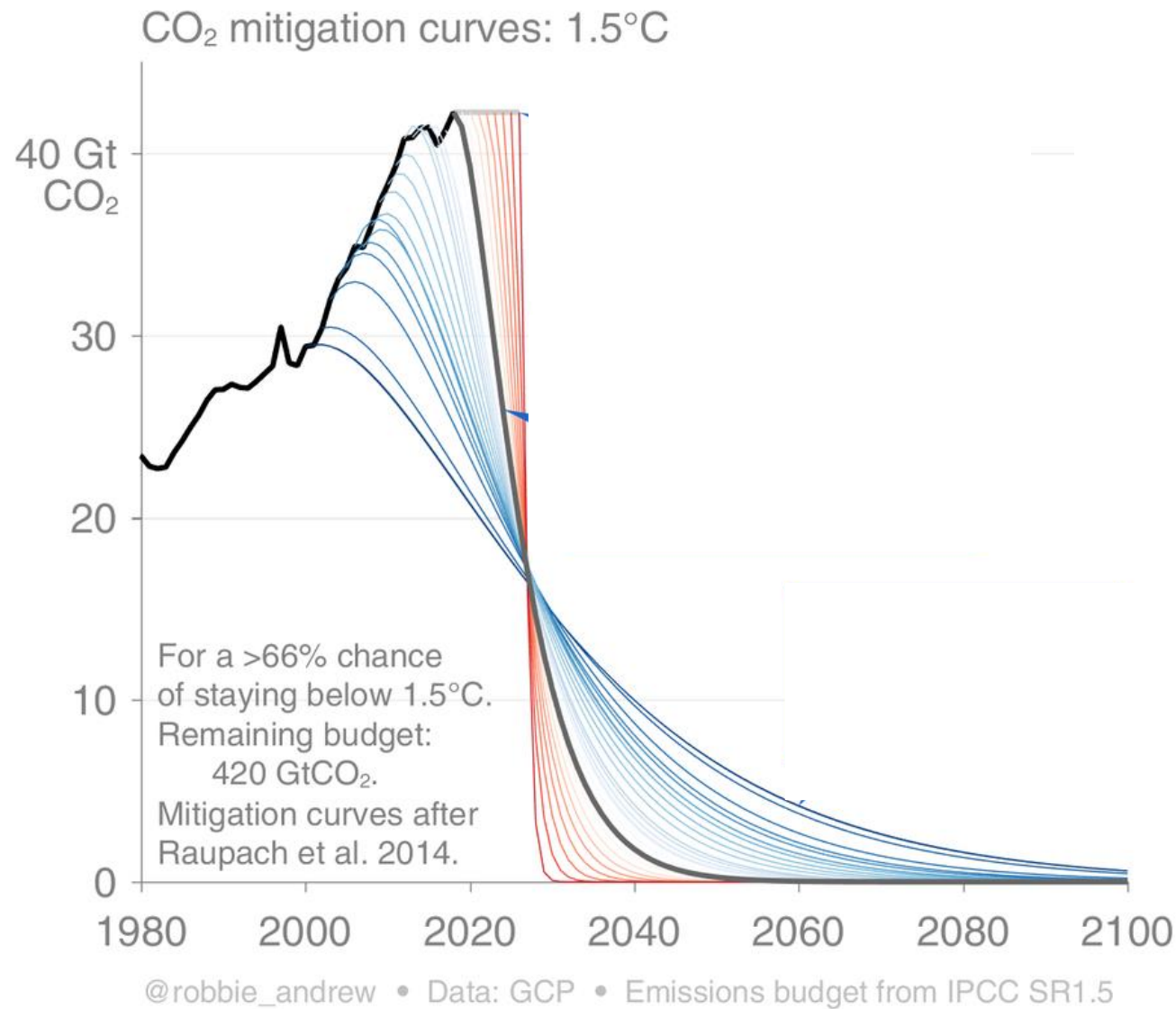
IPCC October 2018



A lie of omission - 1.5C has very little to do with 2050

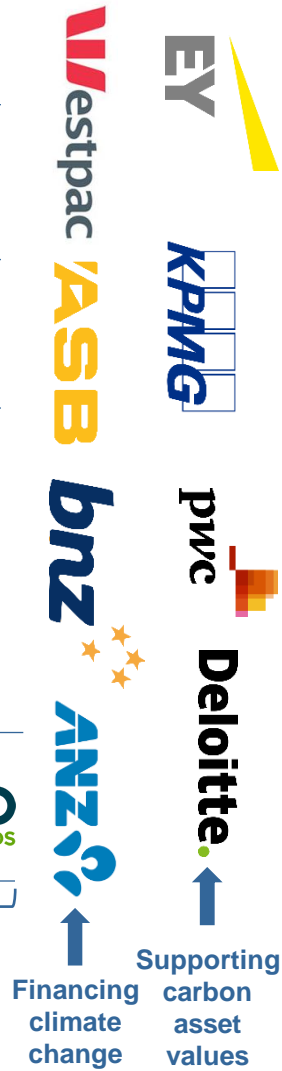
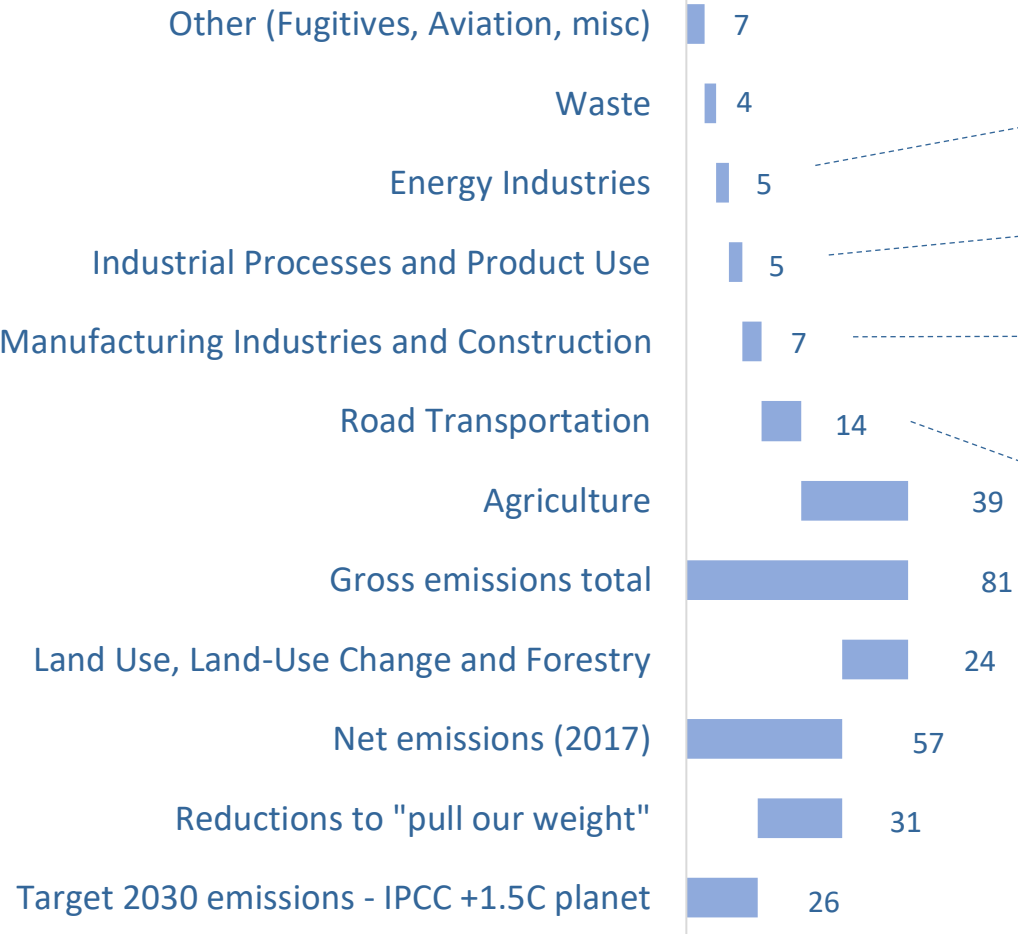


Emissions are cumulative so transition risk builds to 2030

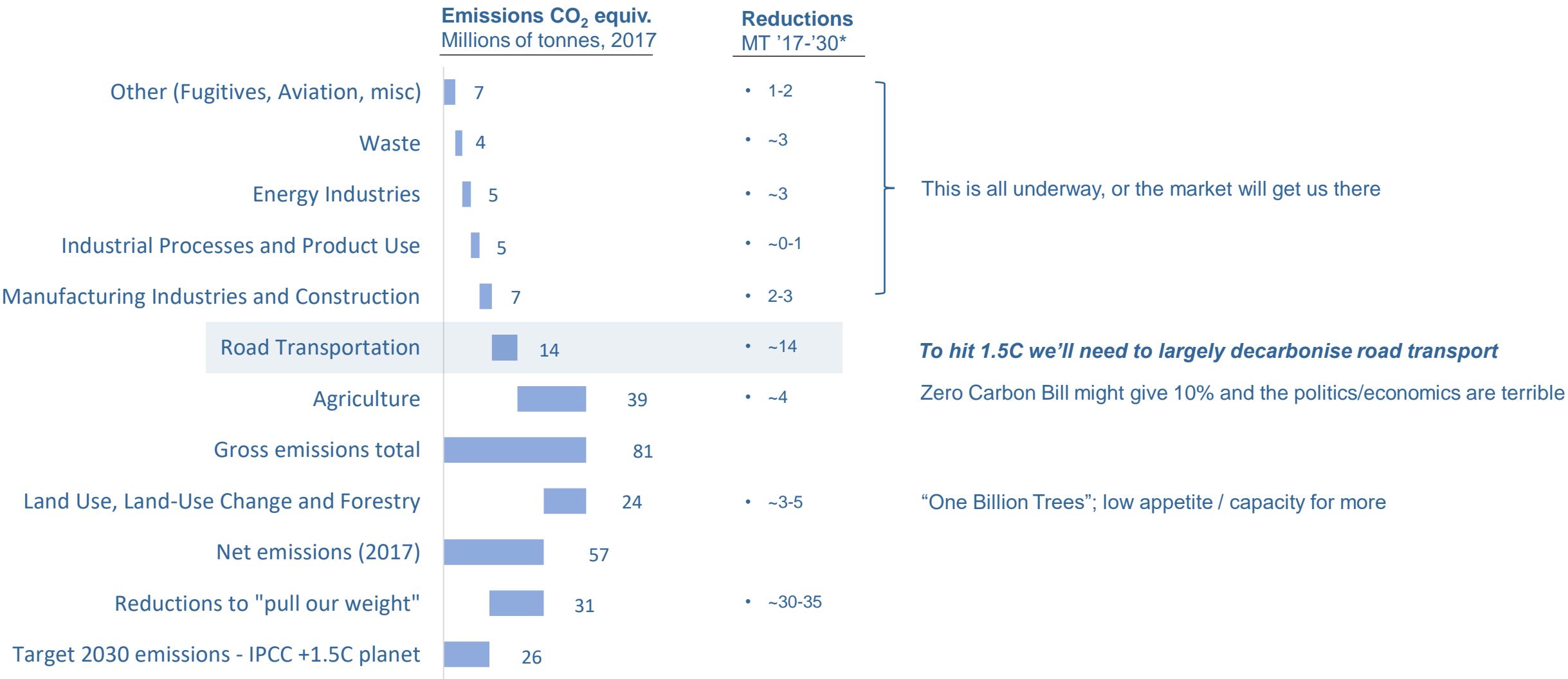


Who profits from emissions today and will they in the future?

Emissions CO₂ equiv.
Millions of tonnes, 2017



To hit 1.5C we must largely decarbonise road transportation by 2030



END