

A new way to look at the problem. Three tough truths about climate. (Bill Gates October 2025)

- 1) Which economic model we've studied is Bill Gates describing in the following sentences?

"Climate change is serious, but we've made great progress. We need to keep backing the breakthroughs that will help the world reach zero emissions." (page 1)

"...we will have the tools we need if we focus on innovation. With the right investments and policies in place, over the next ten years we will have new affordable zero-carbon technologies ready to roll out at scale. Add in the impact of the tools we already have, and by the middle of this century emissions will be lower and the gap between poor countries and rich countries will be greatly reduced." (page 6)

- 2) Which climate or economic model we've studied is Bill Gates describing or critiquing in this 'doomsday view' of climate change, and why?

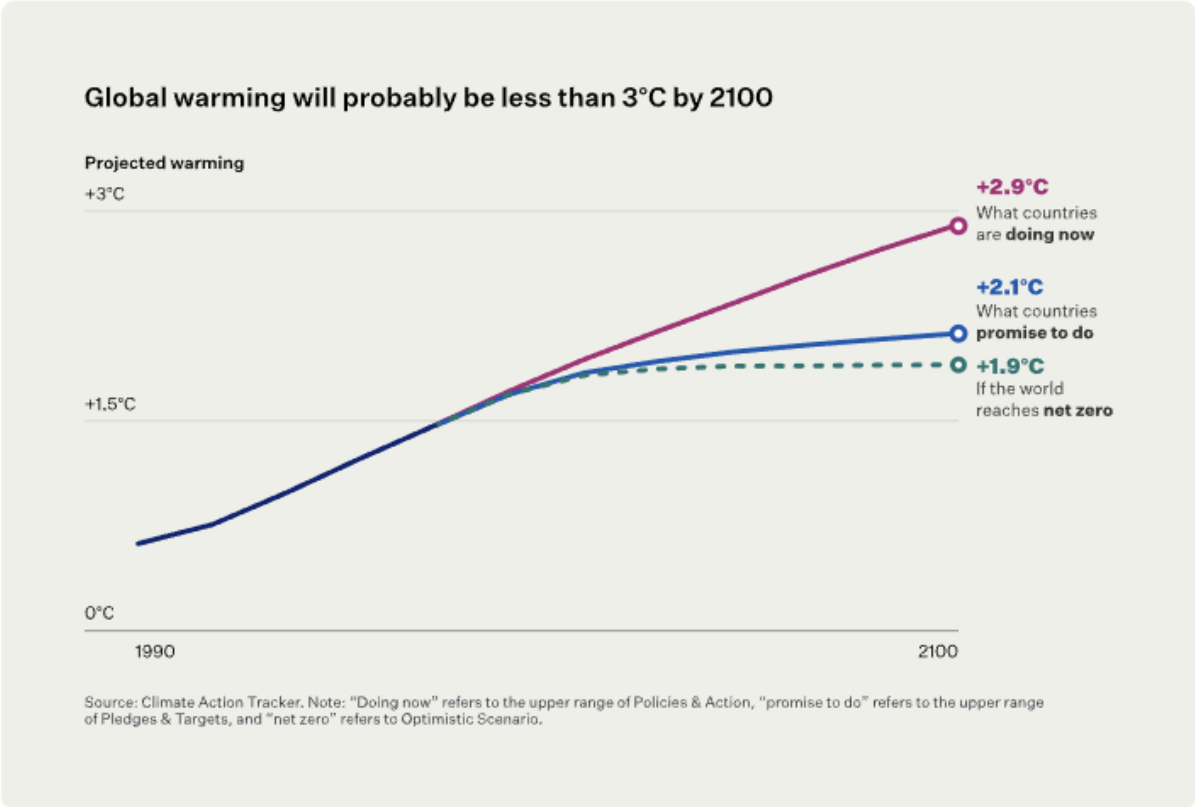
"There's a doomsday view of climate change that goes like this:

In a few decades, cataclysmic climate change will decimate civilization. The evidence is all around us—just look at all the heat waves and storms caused by rising global temperatures. Nothing matters more than limiting the rise in temperature." (page 1)

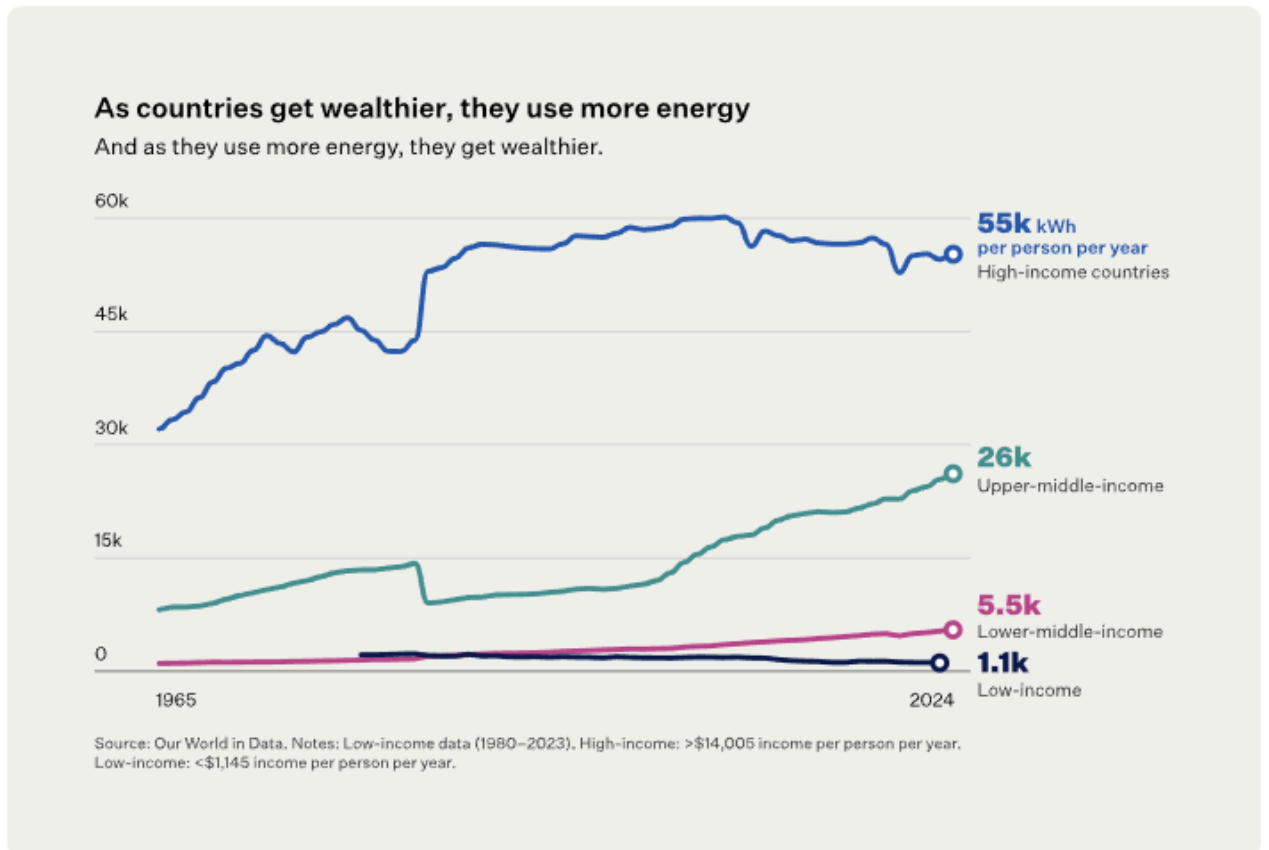
- 3) According to Bill Gates, what priorities should guide our actions on climate change? (page 1 and 2).

- 4) "Climate change is a serious problem, but it will not be the end of civilization" (page 4). At first glance, this might seem to downplay the threat, do you agree with this assessment? Why or why not?"

5) “Global warming will probably be less than 3° by 2100.” (page 5). Based on the chart below, do the data support Gates’ statement? Explain your reasoning.?



- 6) “As countries get wealthier, they use more energy” (page 6).
- Which model is in line with this evidence?
 - Is there a model allowing us to predict the impact of a wealthier world?
 - What is the role played by Artificial Intelligence?
 - Is this a fair path of development, and do all countries contribute equally in terms of costs and benefits??



- 7) Gates predicts that ‘...all new cars will be electric’ (page 6) but:
- What do the data for Europe and Italy tell us about this transition?
 - Why does the timeframe for transitioning to a fully electrified transport sector matter, particularly in terms of environmental sustainability?
- 8) Define the Green Premium and explain why it exists. Can you give examples of products or technologies where this premium applies? (page 8)
- 9) Based on Gates’ essay, rank the five main sources of greenhouse gas emissions from largest to smallest. How does he expect each source to decline over time, and what strategies contribute to these reductions? (page 9 to 14).
- 10) Gates writes that ‘Health and prosperity are the best defense against climate change.’ Do you think this is necessarily true? What intergenerational issues might this perspective raise? (page 15)