

# Climate change and effective policy

*Stop alarmism wasting trillions*

Bjørn Lomborg

*[www.lomborg.com](http://www.lomborg.com)*

# Global Warming

Real and Manmade

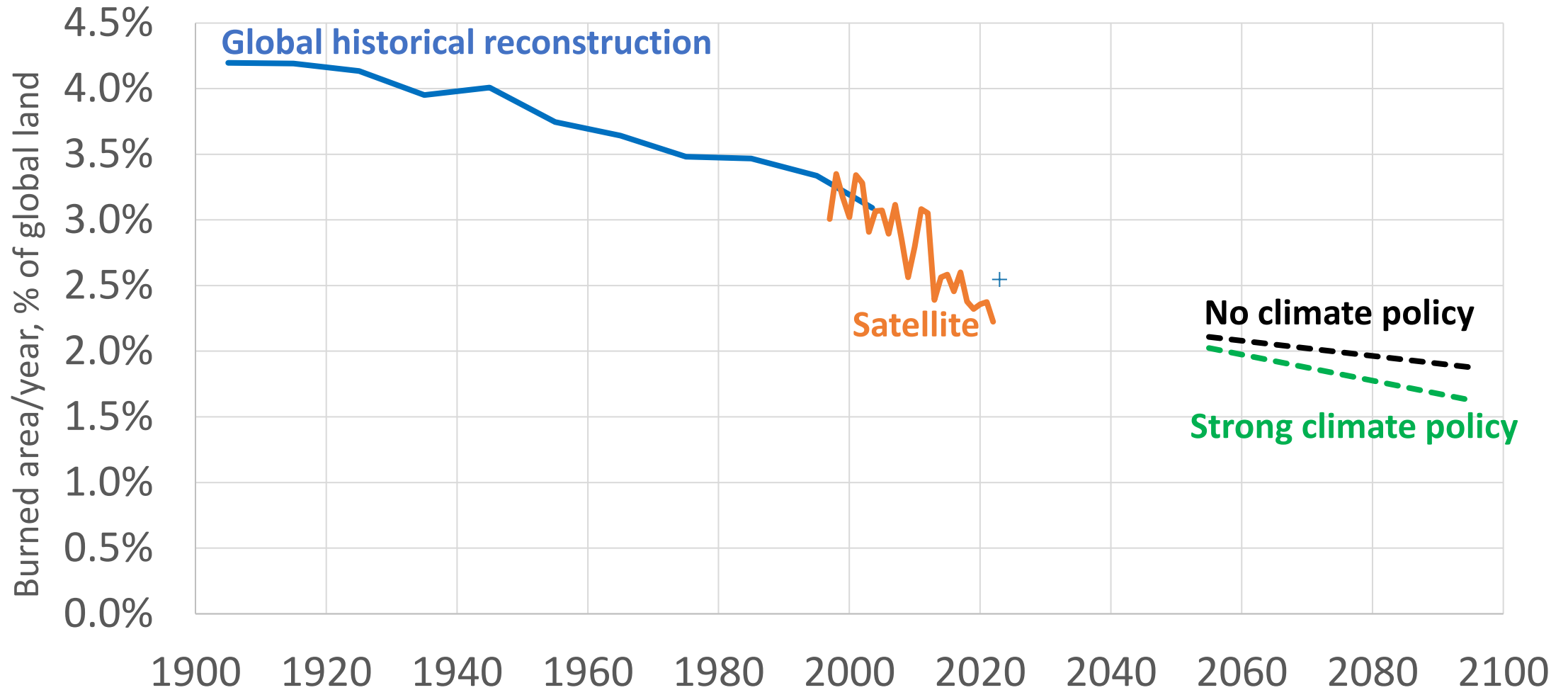
# Global Warming

Often exaggerated

**Wildfire**



# Global fire, burned area 1900-2100

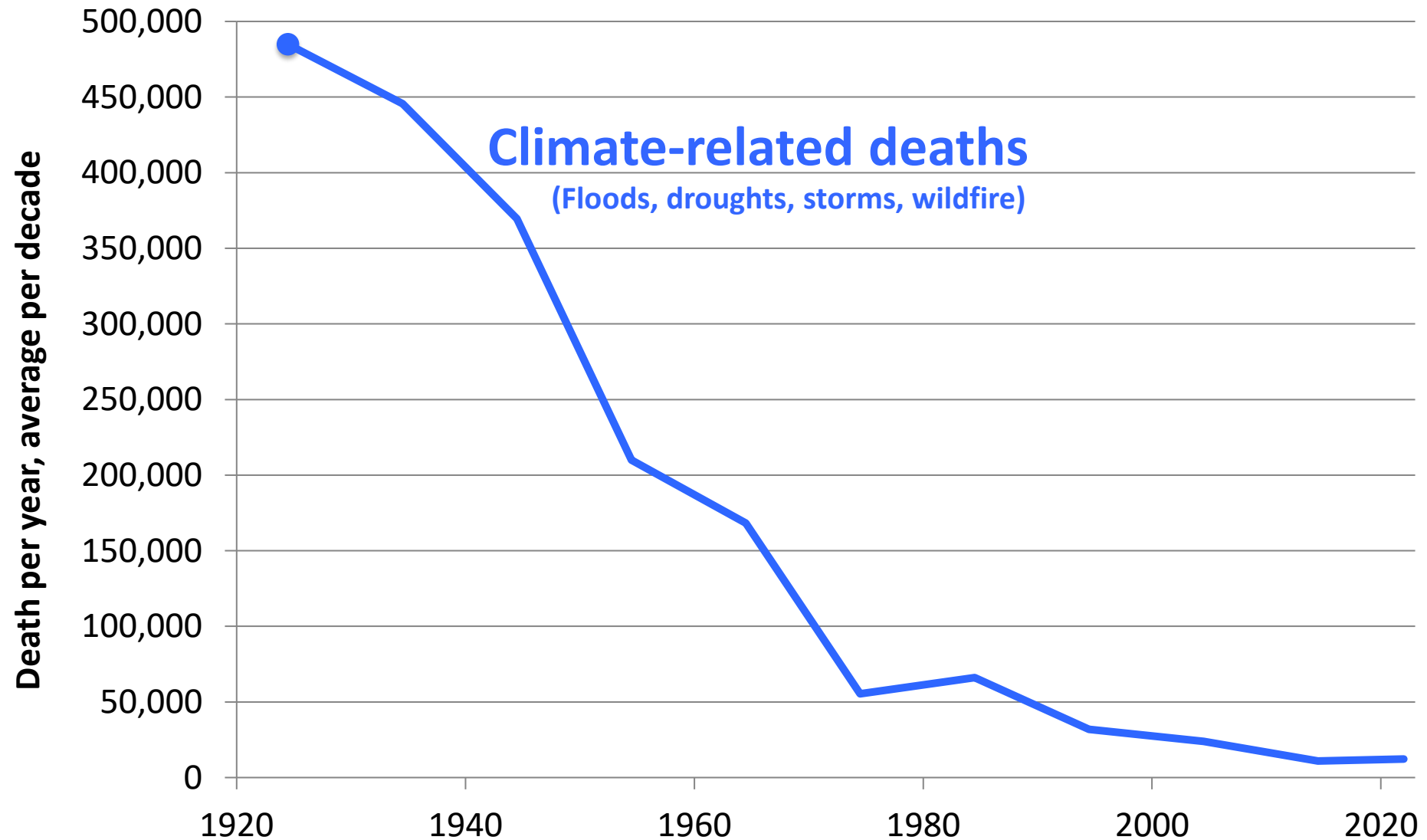


<https://agupubs.onlinelibrary.wiley.com/doi/abs/10.1002/2013JG002532>,  
<https://www.sciencedirect.com/science/article/pii/S0034425718303705>,  
<https://agupubs.onlinelibrary.wiley.com/doi/abs/10.1029/2020EF001786>

# Why do we get it so wrong on Global Warming?

Miss adaptation

# Deaths from Climate, 1920-2023



# Climate not end-of-world

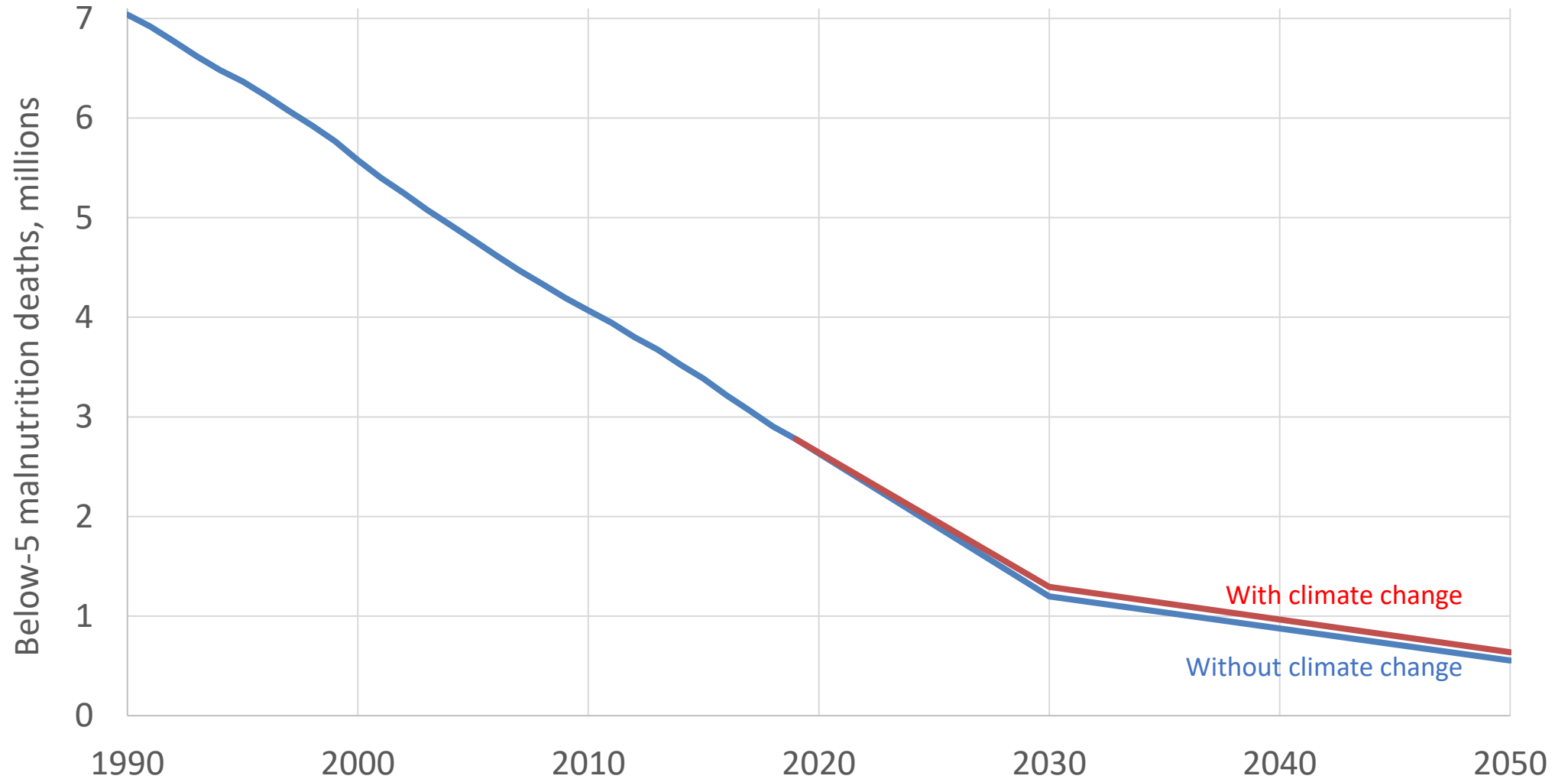
It is a problem



# Better, slightly slower

- Climate change doesn't mean end-of-world
- It means **things get much better, slightly slower**

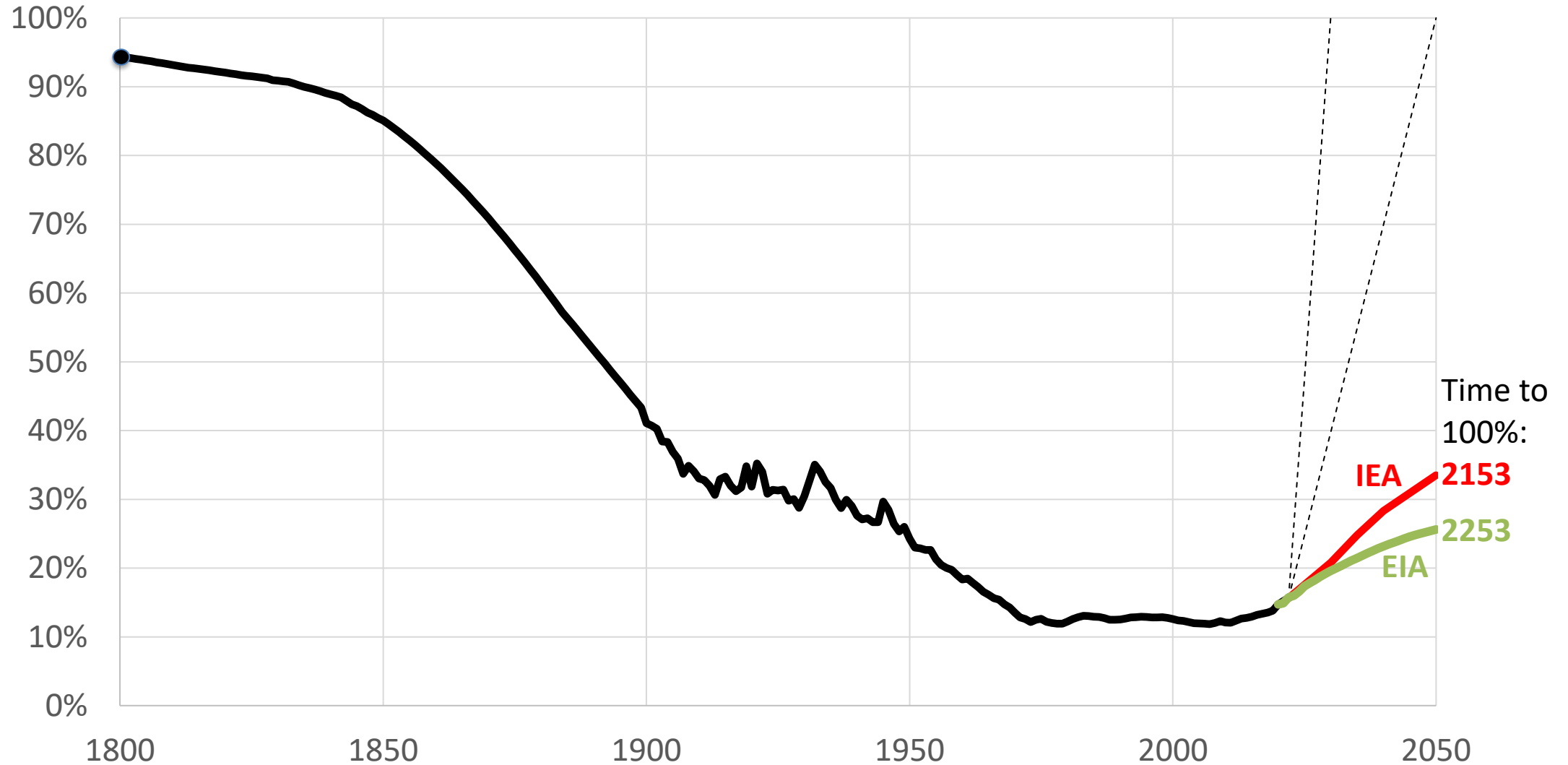
# Hunger deaths, 1990-2050



# Current climate policies

Unrealistic and unsustainable

# Global share of renewable energy, 1800-2050



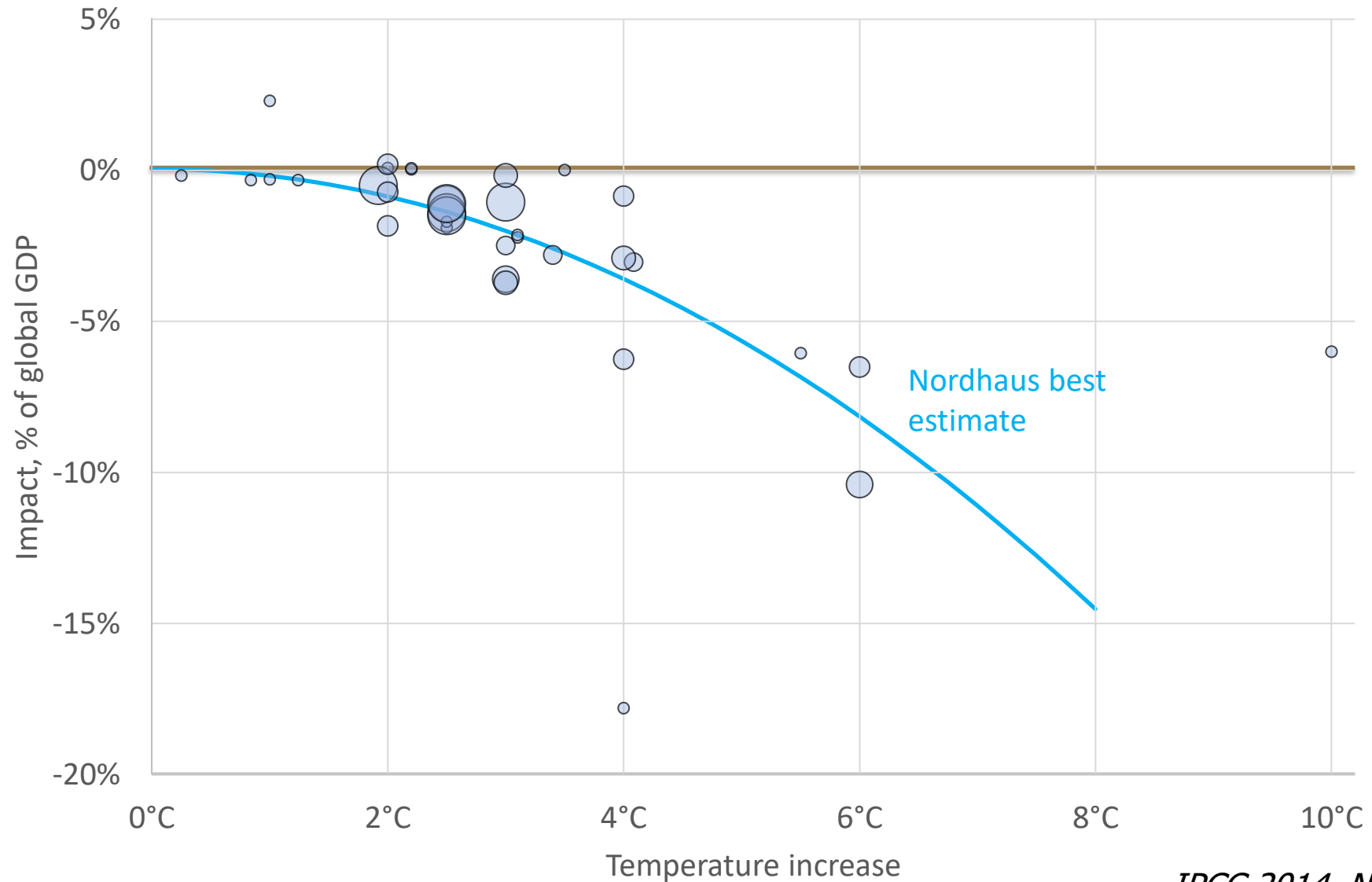
*Lomborg 2020, International Energy Agency 2023, Biden's Energy Information Administration 2023*

# How to do *smart* climate policy

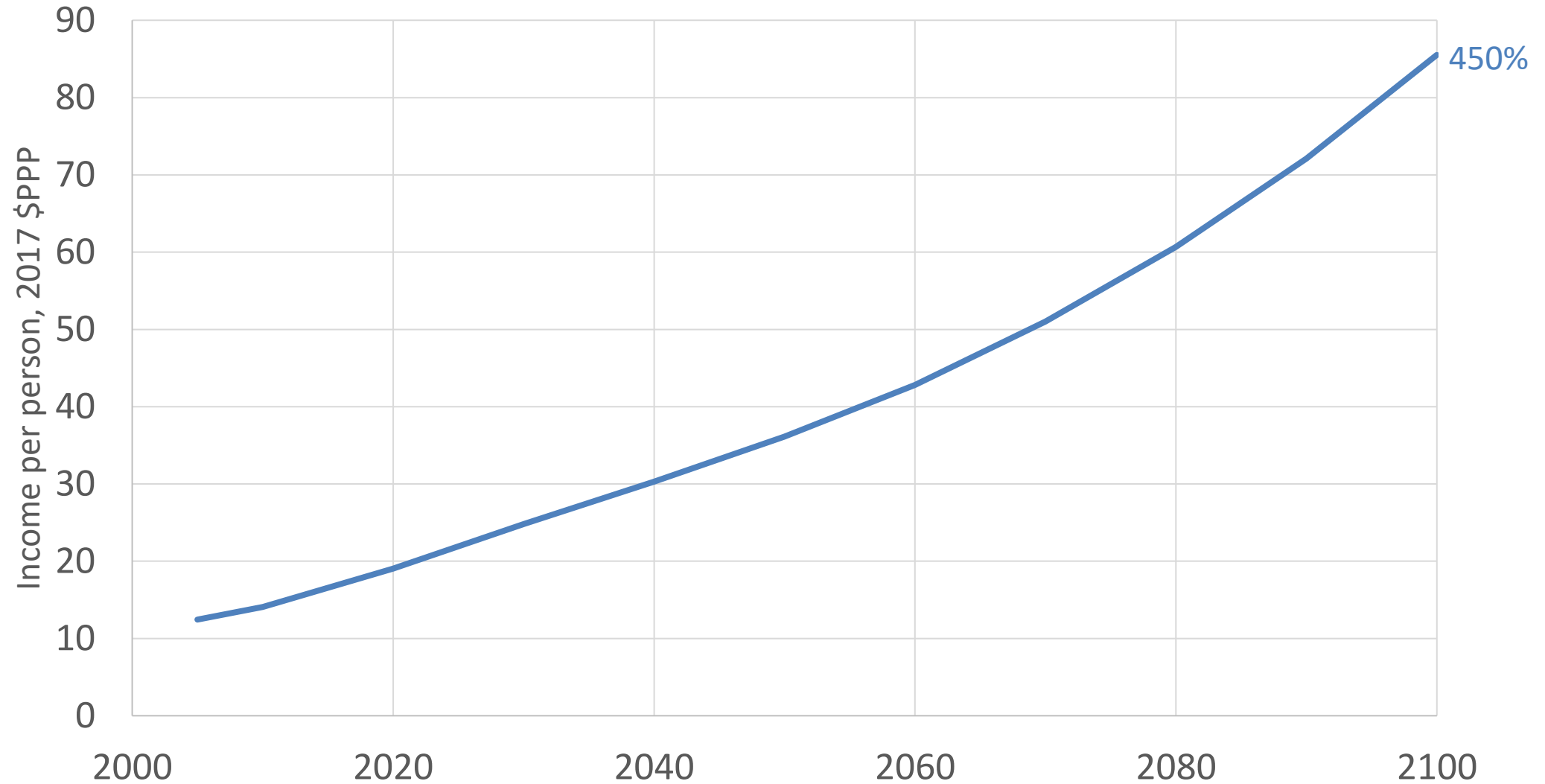
Climate means costly damages

But climate policy *also* means costly damages

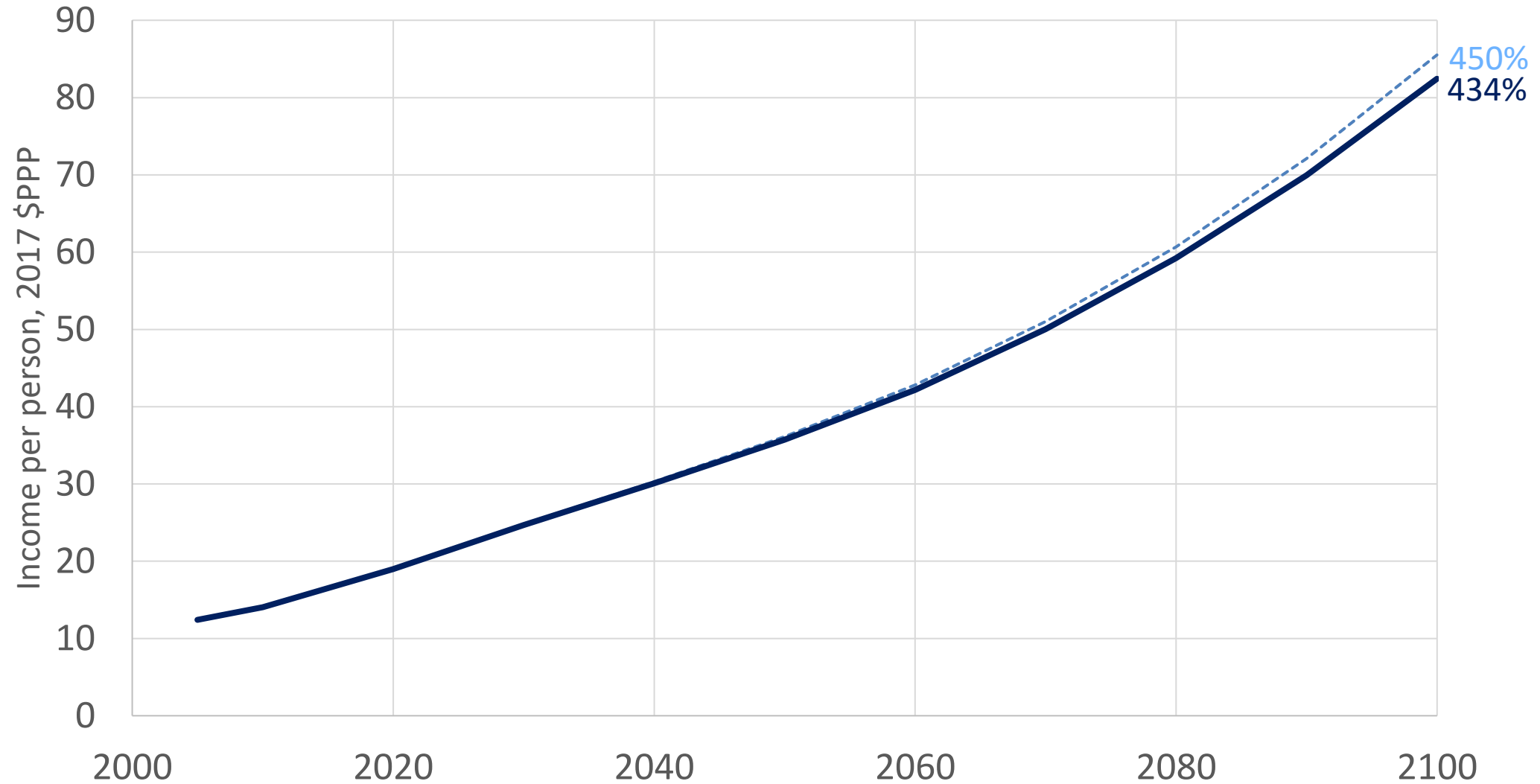
# Warming impact, in % global GDP



# Average person 4.5x as rich

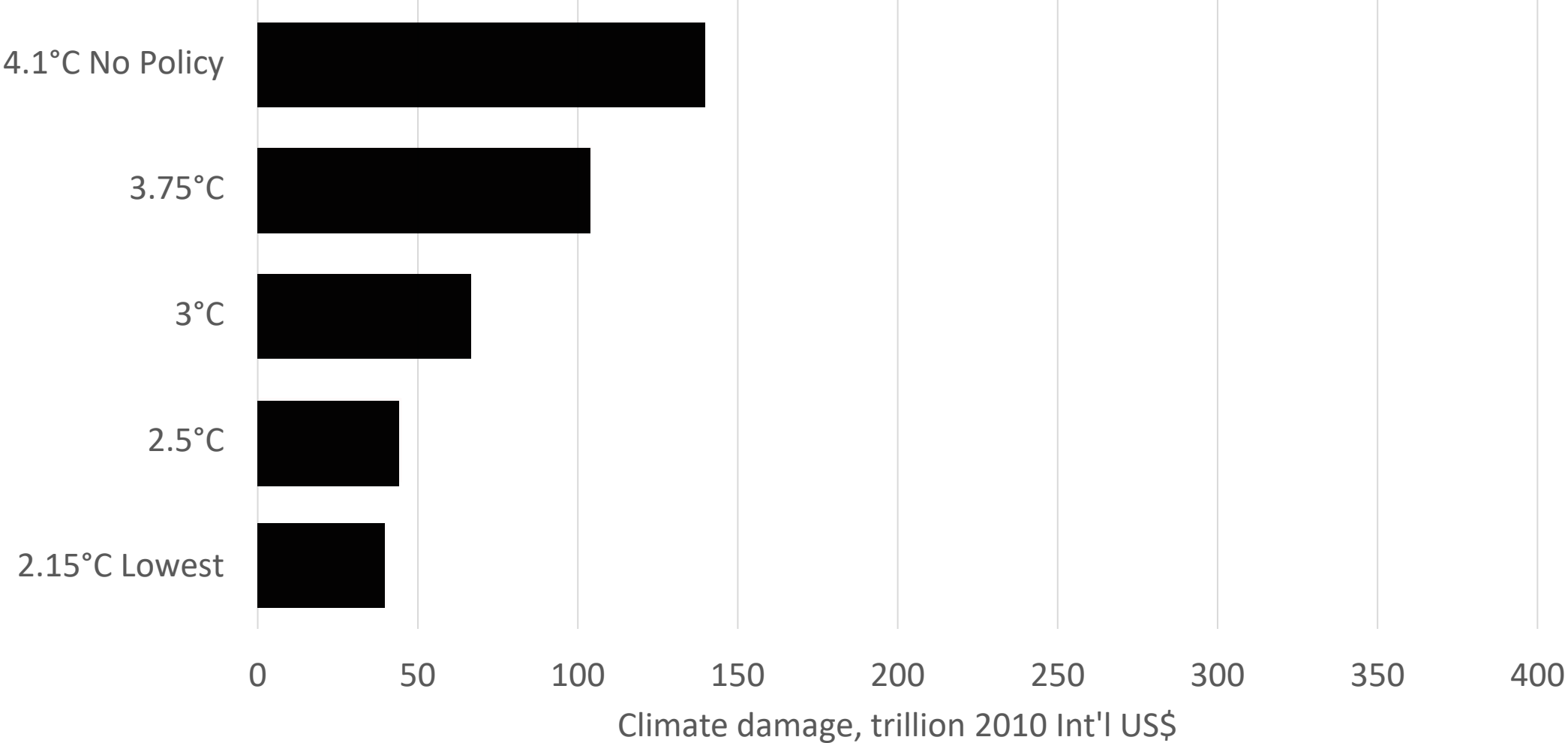


# Because of climate, average person 4.3x as rich

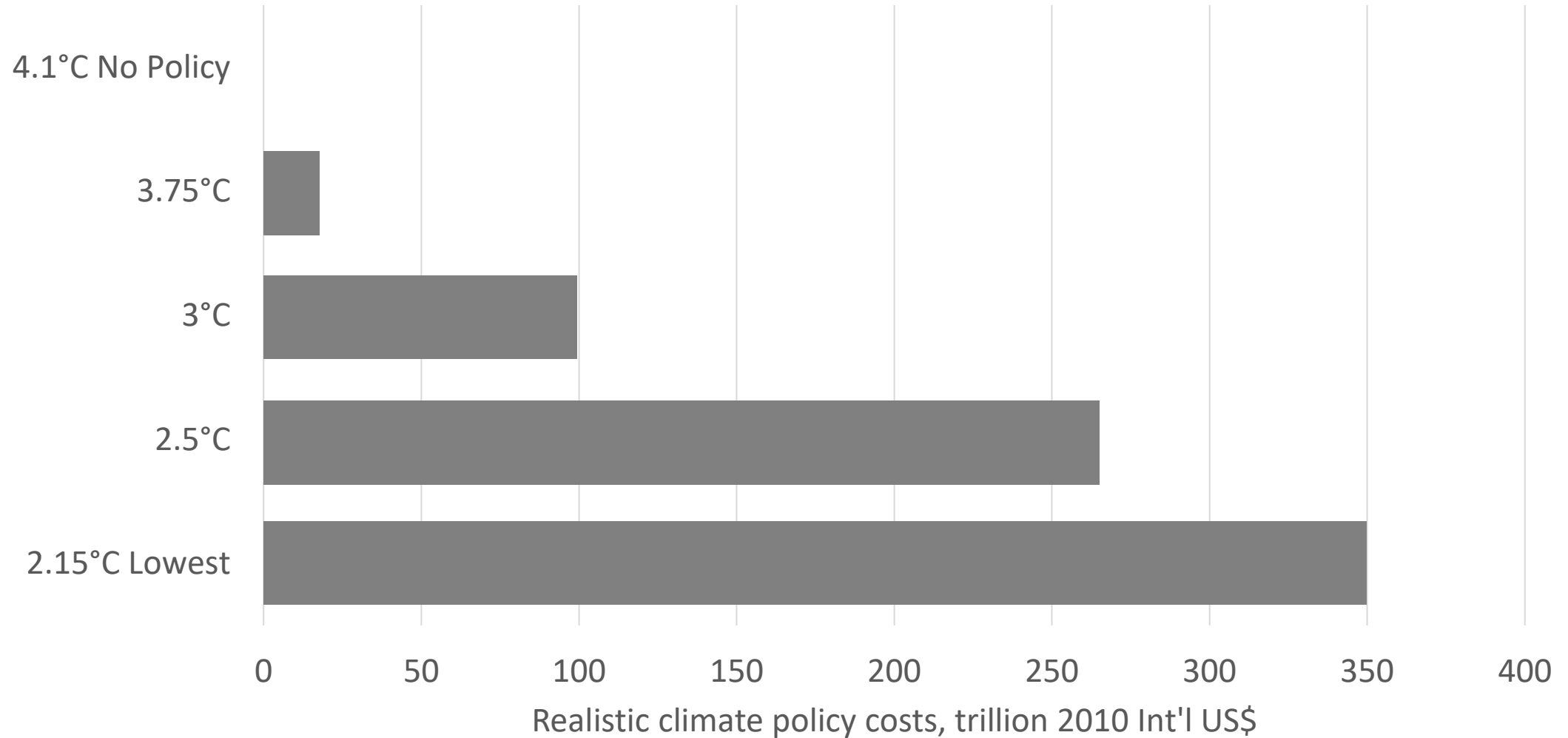




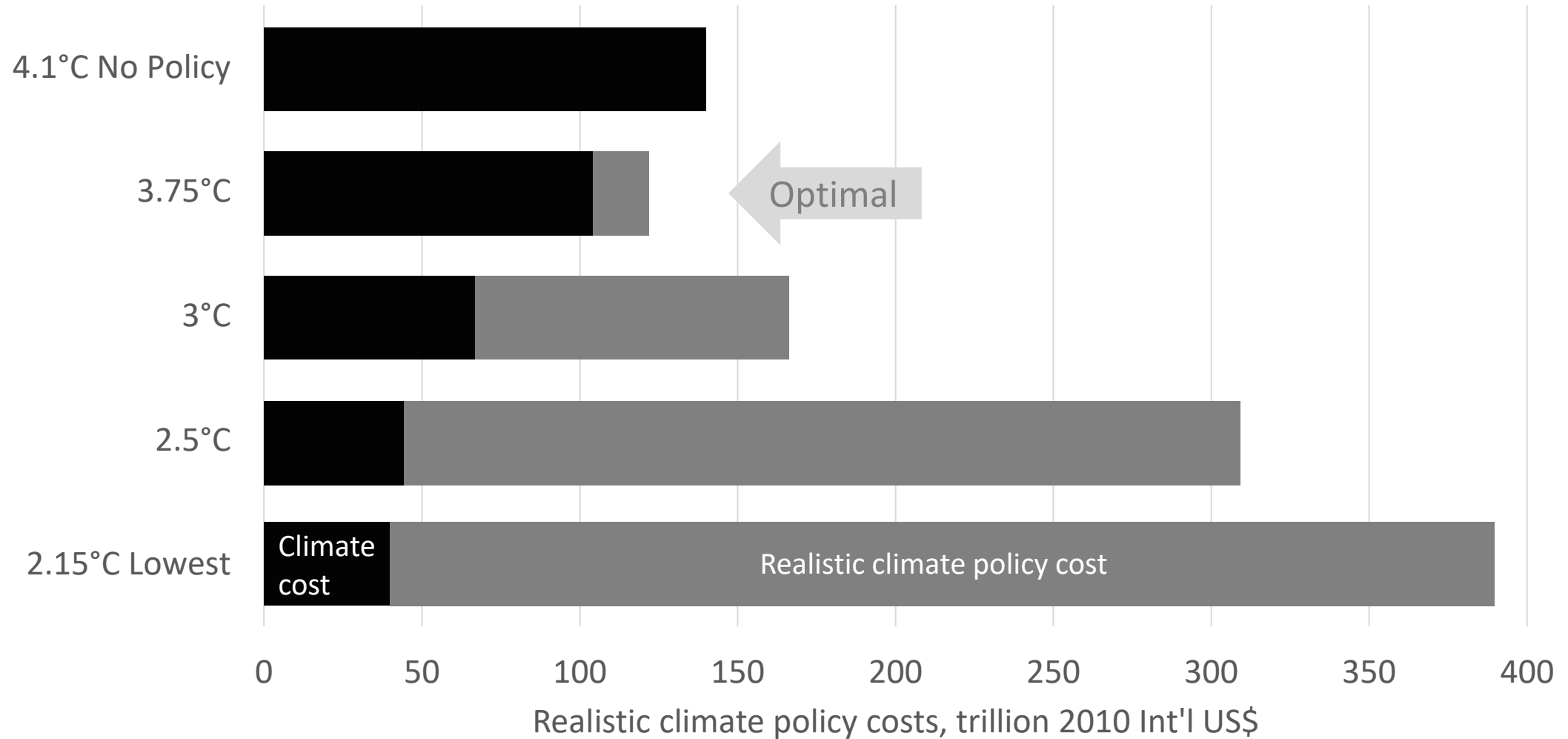
# Nordhaus: Climate cost



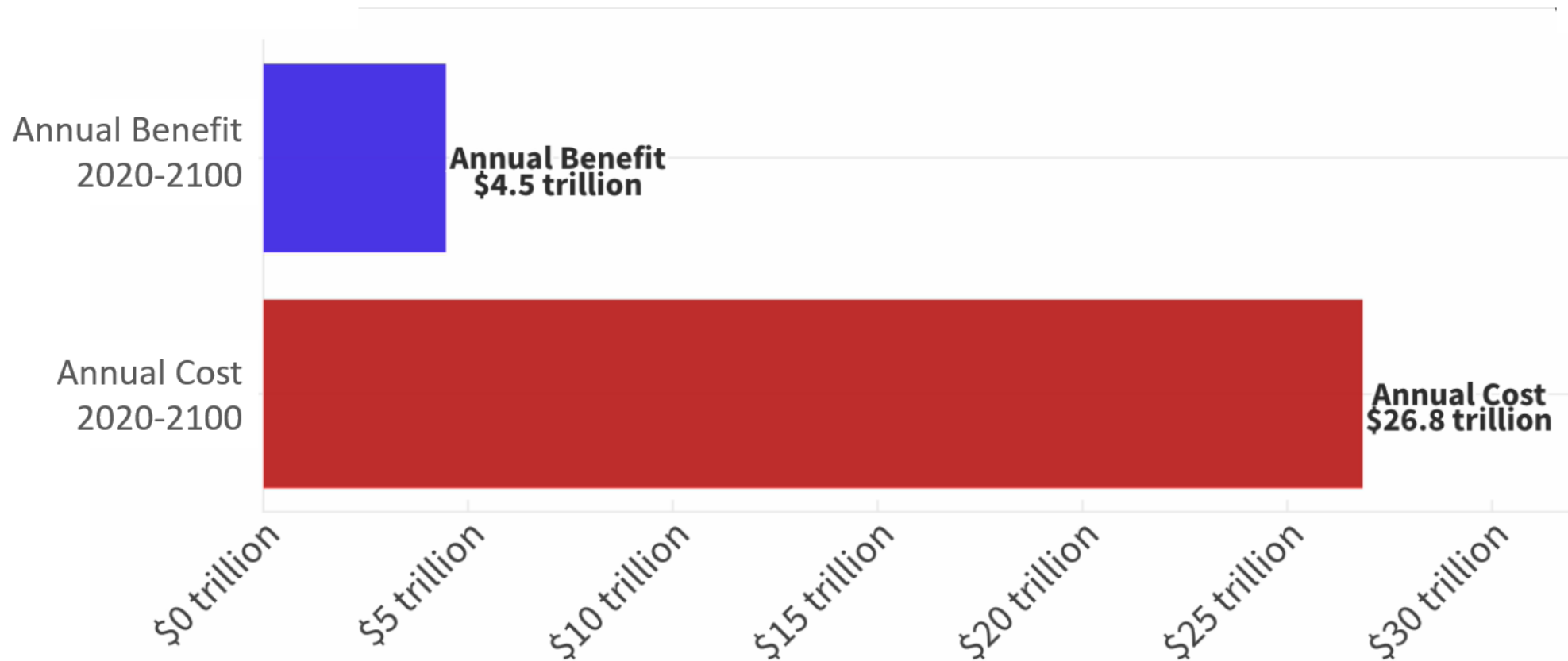
# Nordhaus: Climate *policy* cost



# Nordhaus: Climate and climate policy cost



# Net-Zero 2050: Costs outweigh benefits



Annual average, undiscounted, 2020-2100, 2023 US\$

*Climate Change Economics: Mendelsohn 2023, Tol 2023, Morris et al 2023*

**So, what should we do?**

What is the smart ways to tackle climate?

# Climate policies: what works — and what doesn't

