

Tackling climate change

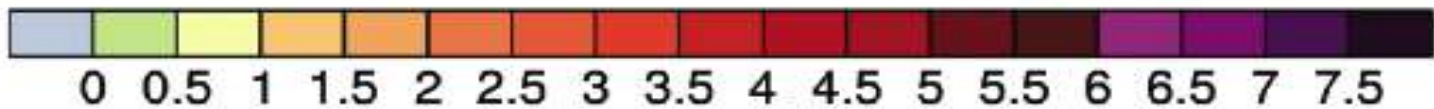
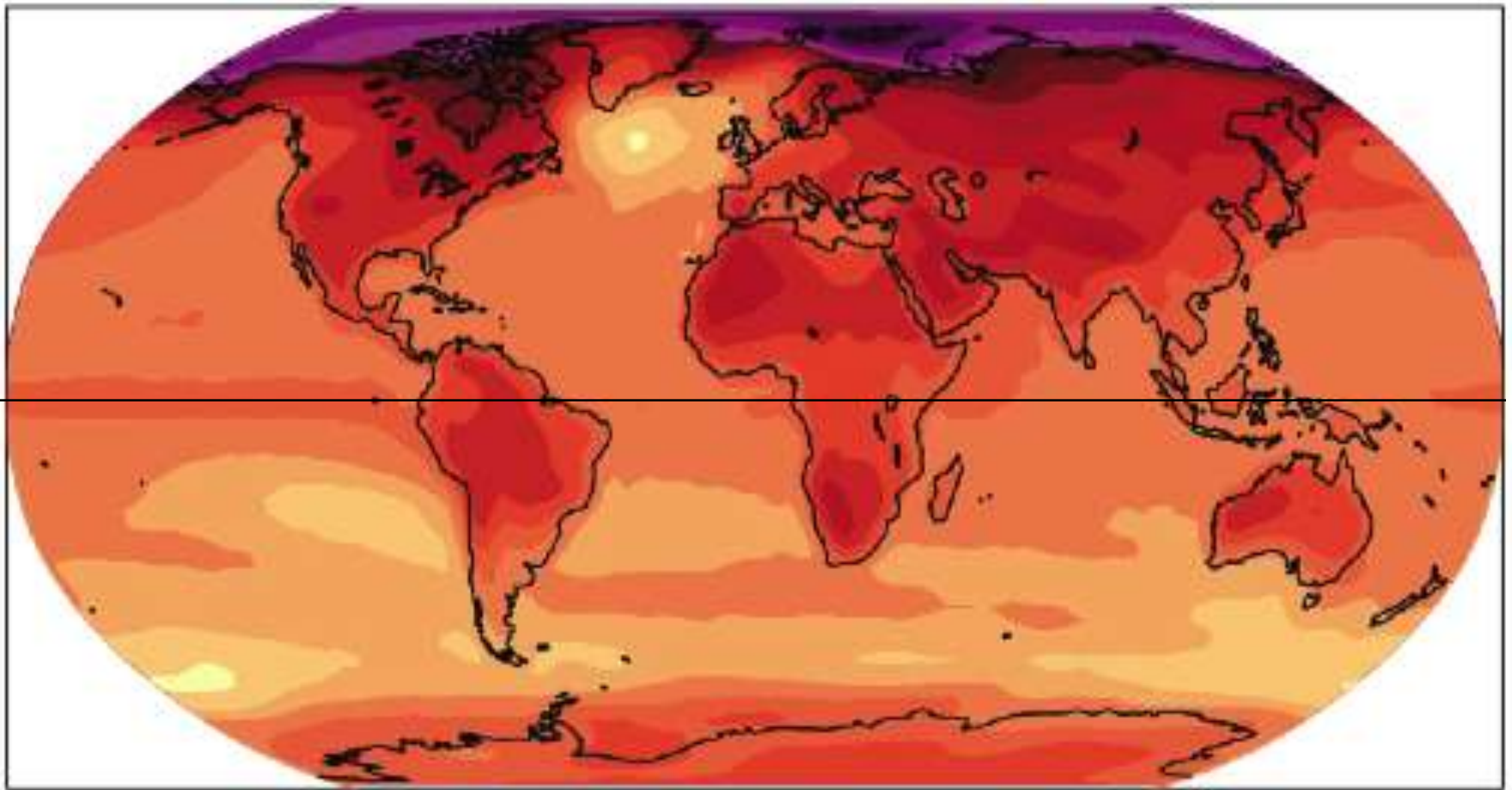
– a new task for the health sector

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How Much More Warming Can We Expect?

2090s: A1B (medium) emissions scenario



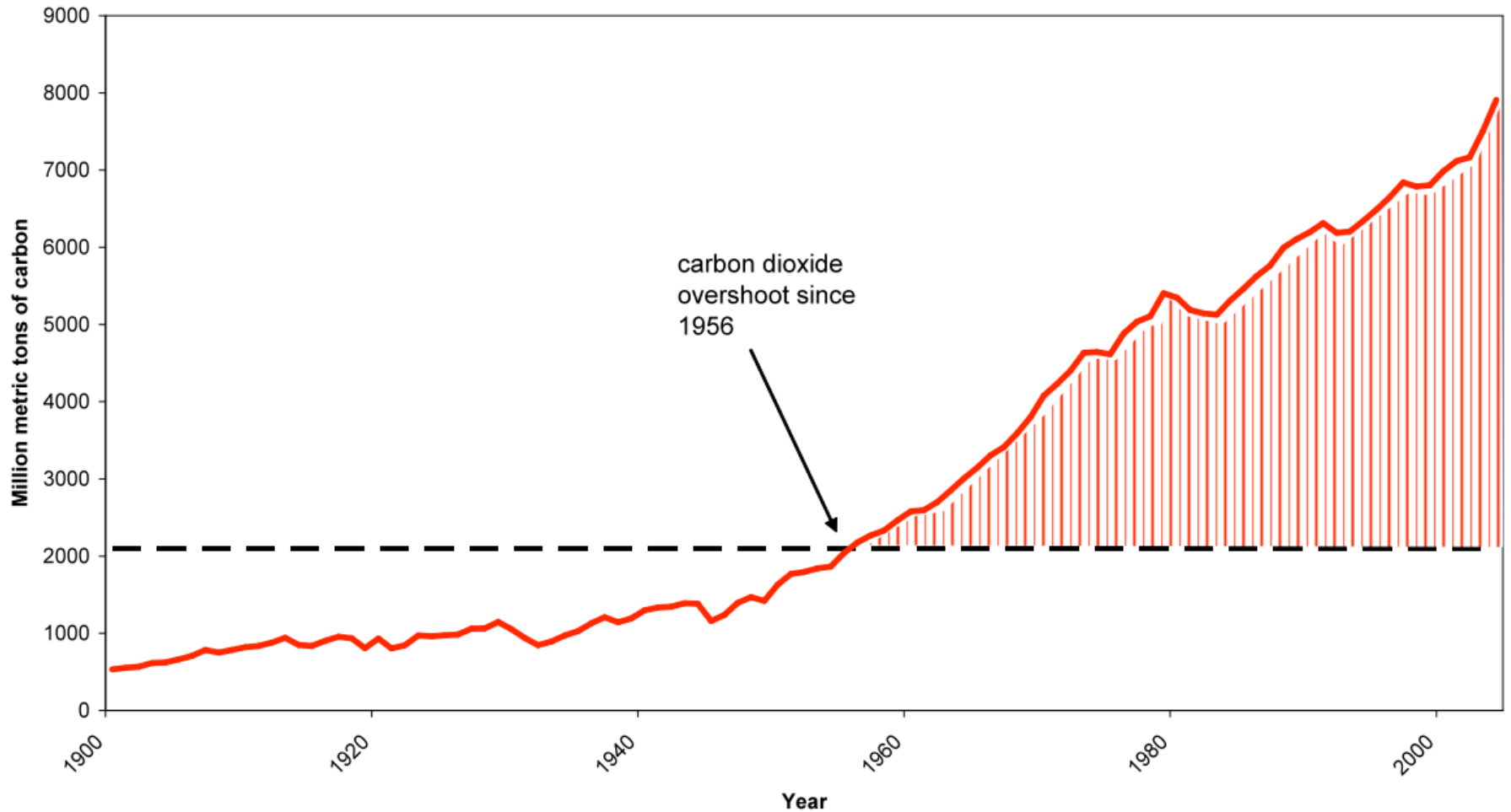
0 0.5 1 1.5 2 2.5 3 3.5 4 4.5 5 5.5 6 6.5 7 7.5

(°C)

Source: IPCC, Fourth Assessment Report, 2007

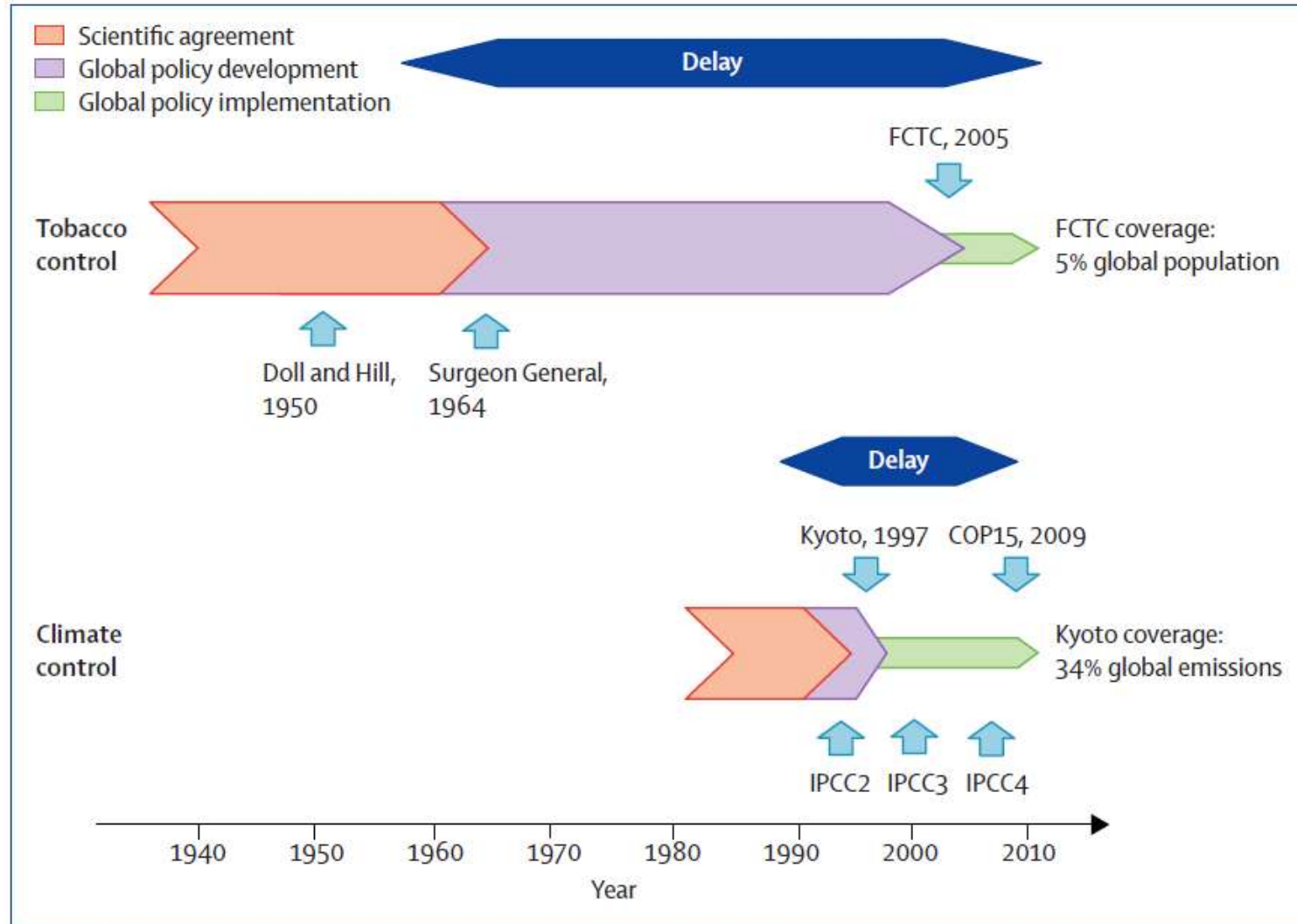
Global carbon dioxide emissions overshoot

Total CO₂ emissions from fossil-fuels (million metric tons of C)



(Adapted from Marland et al., 2007)

Climate policy: lessons from tobacco control



Source: Nilsson M, Beaglehole R, Sauerborn R. Climate policy: lessons from tobacco control, *Lancet* 2009; **374**: 1955-56

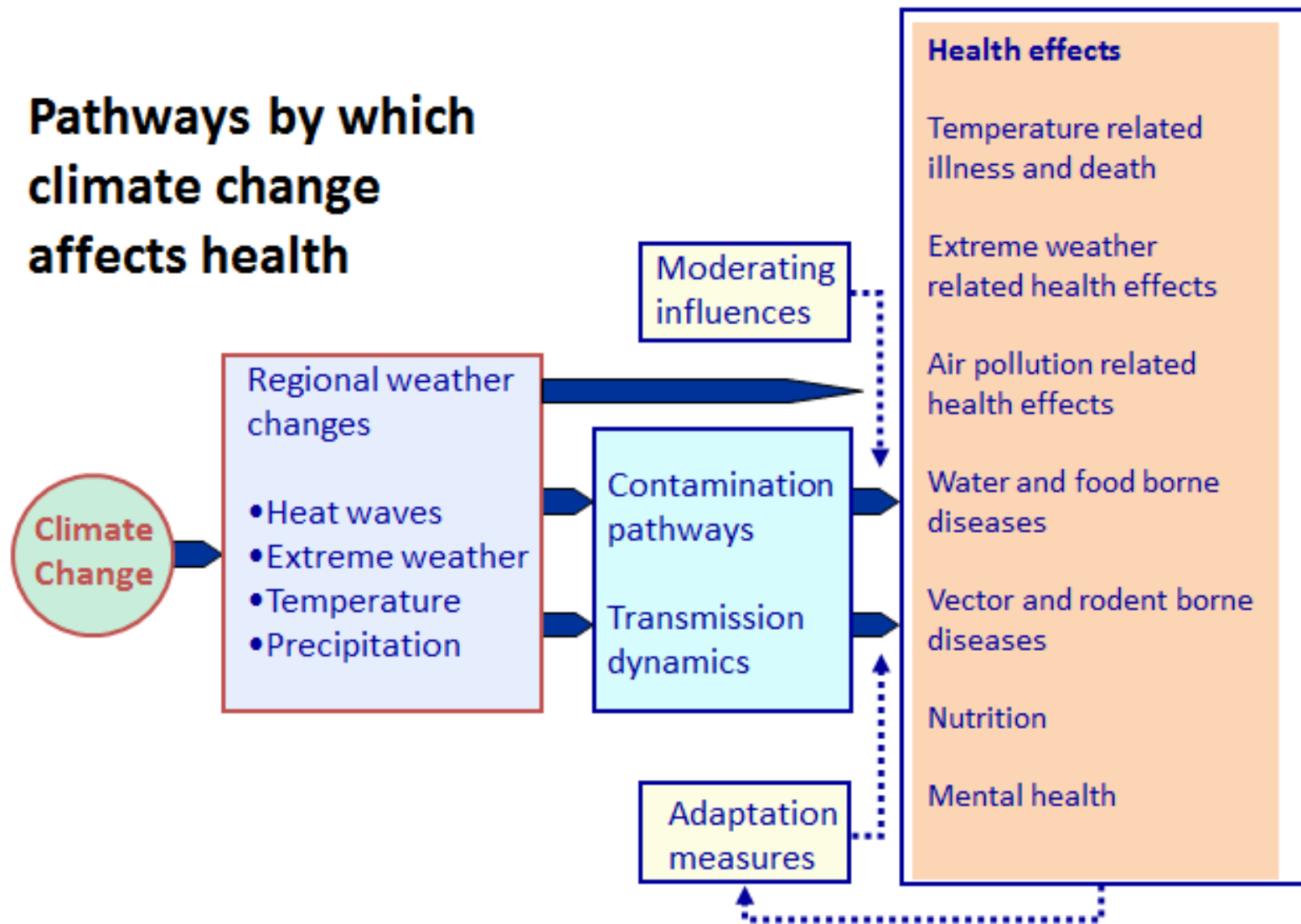


“Climate change is the greatest global health threat of the 21st century”

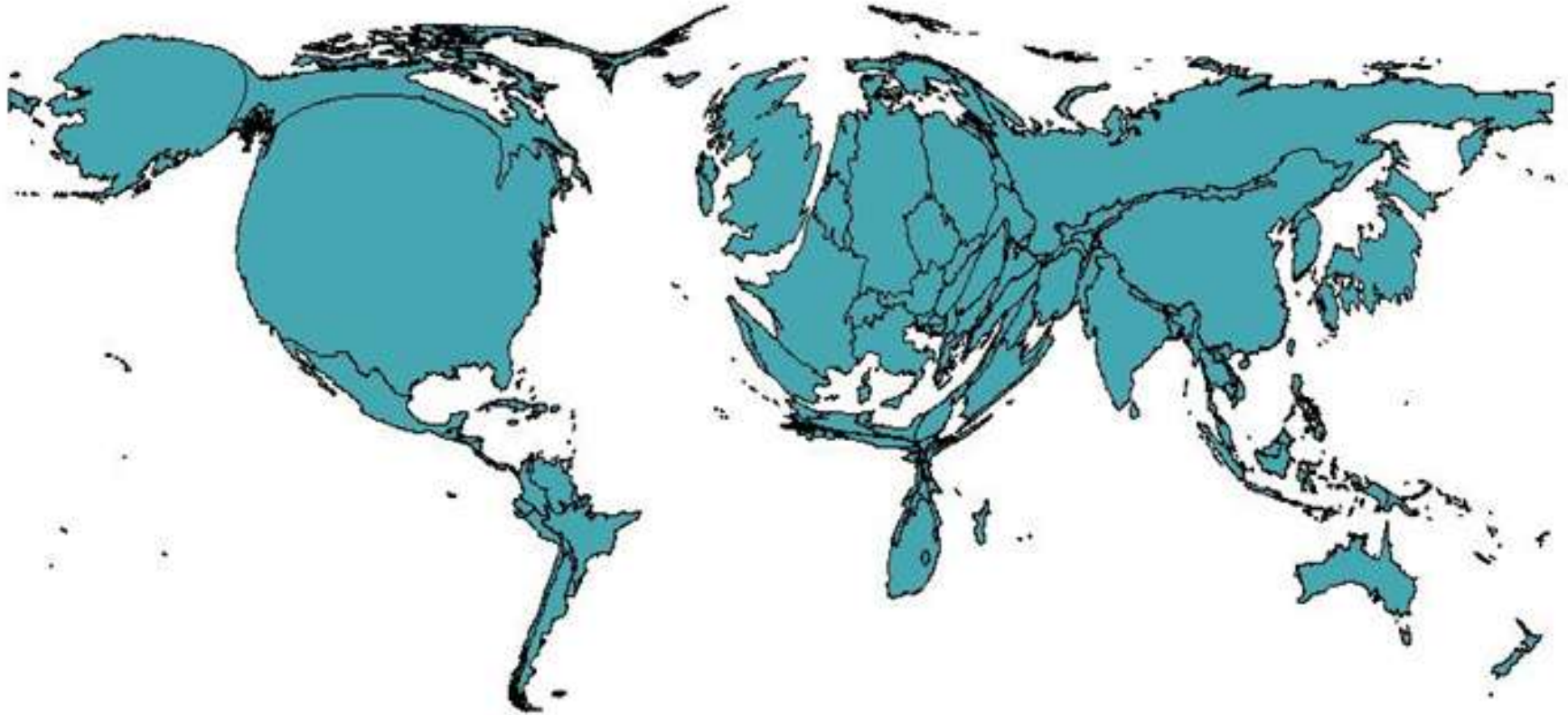
UCL Lancet Commission



Pathways by which climate change affects health

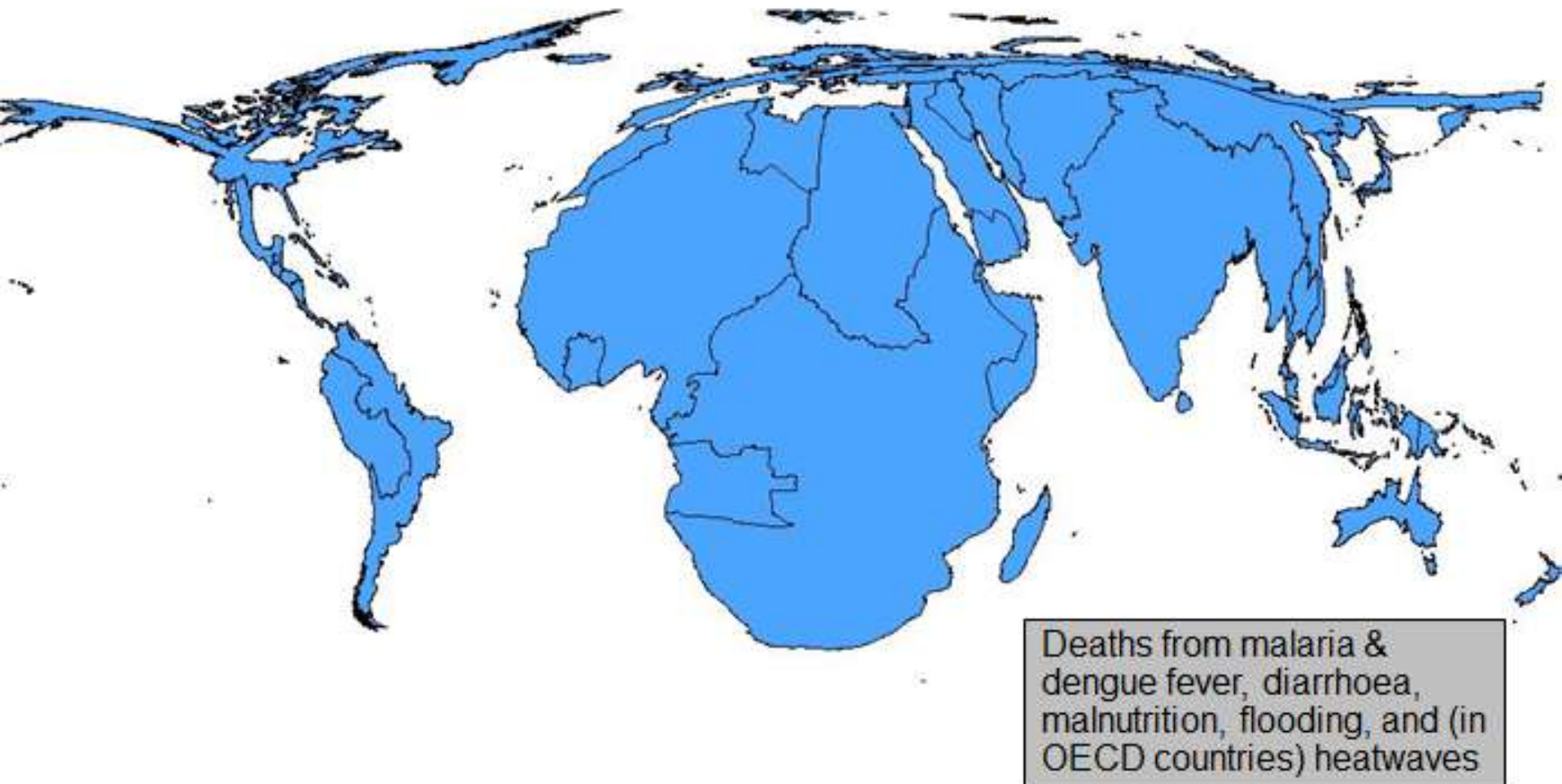


Cartogram: Emissions of greenhouse gases



Countries scaled according to cumulative emissions in billion tonnes carbon equivalent in 2002. Source: Patz, Gibbs, et al, 2007

Cartogram: Health impacts of climate change



WHO regions scaled according to estimated mortality (per million people) in the year 2000, attributable to the climate change that occurred from 1970s to 2000.

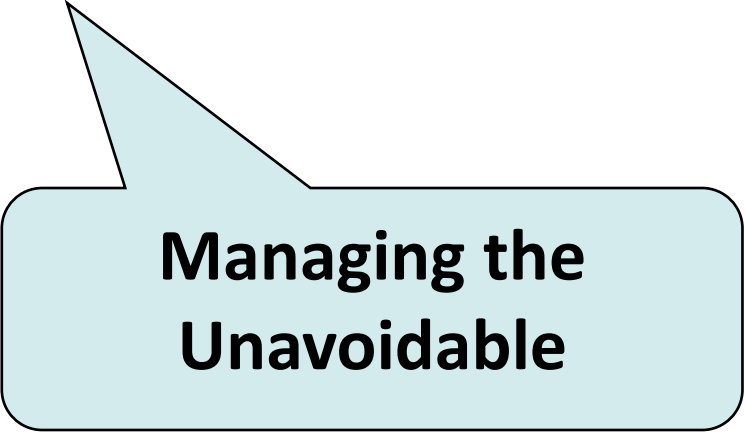
Source: Patz, Gibbs, et al, 2007: based on McMichael et al 2004





**Avoiding the
Unmanageable**

Mitigation and Adaptation



**Managing the
Unavoidable**

Health co-benefits of mitigation

- Household energy
- Urban transport
- Electricity generation



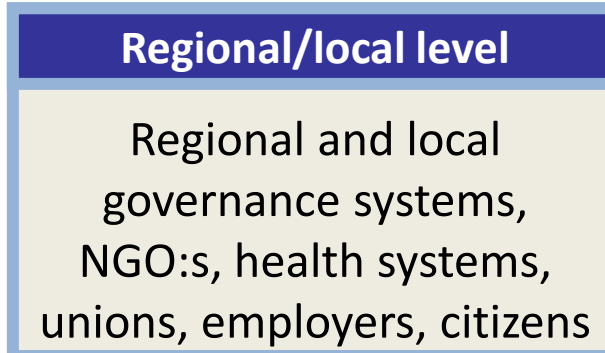
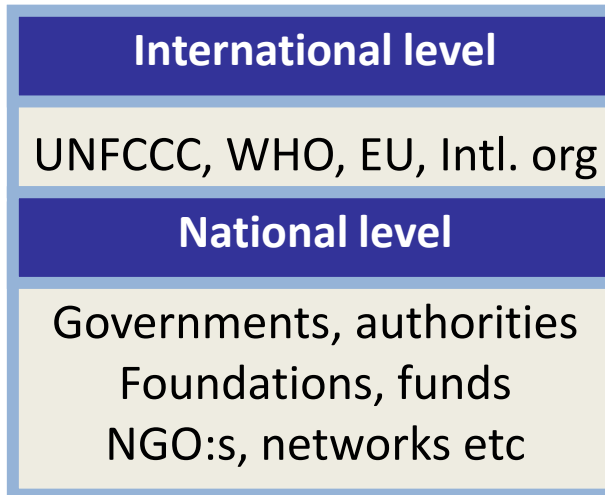
Why should the health sector care?

- Health systems are a source of GHG emissions
- Have appropriate skills
- Are role models
- To engage is aligned with promoting health
- To protect human health



Policy – at all levels

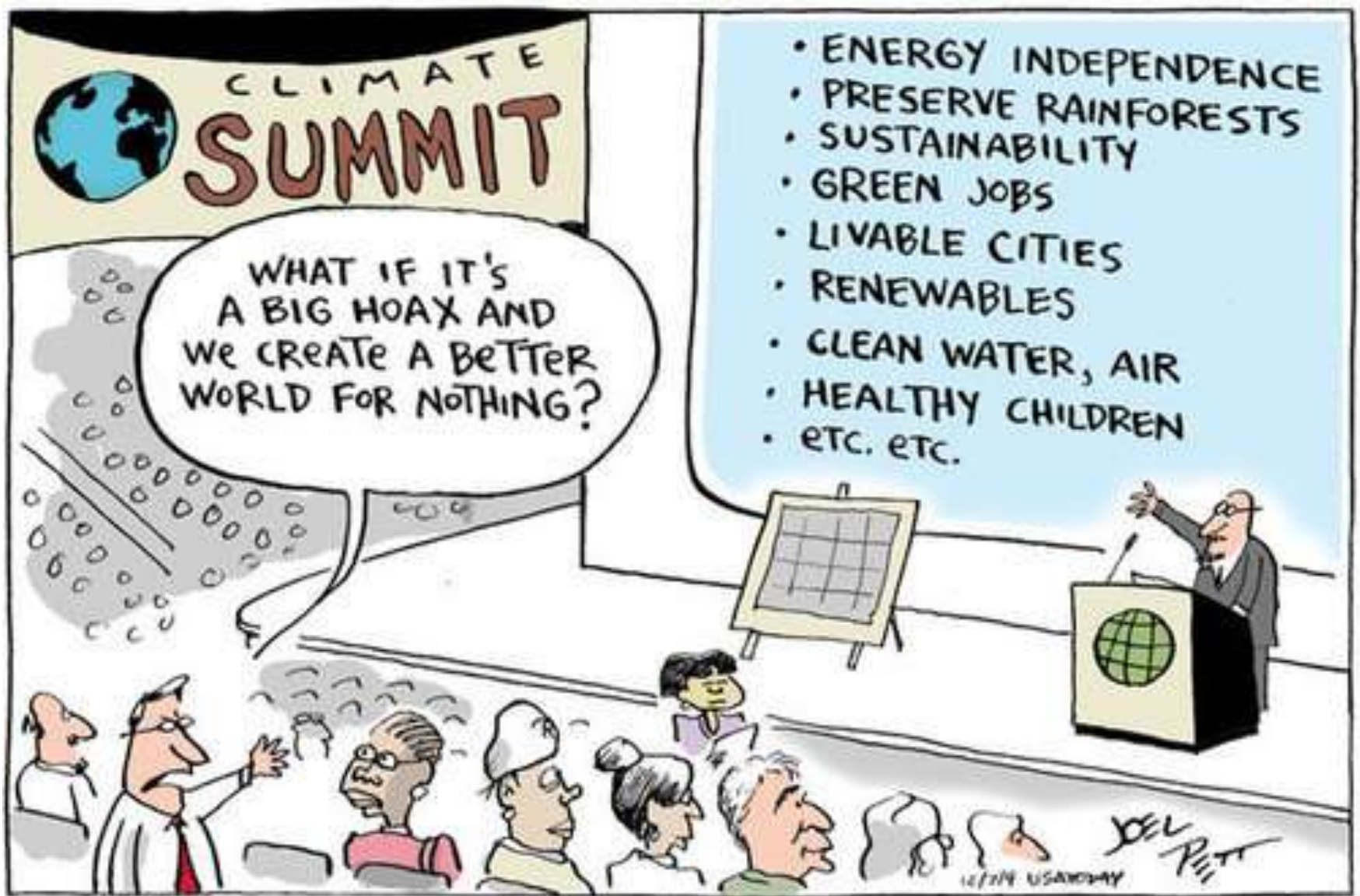
- broad
- structured
- continuous



Strategies from the health sector

- Stress co benefits on health from mitigation
- Reach over professional and disciplinary boundaries
- Reduce emissions from the health sector
- The health perspective - motivation for change





Thanks for your attention!

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