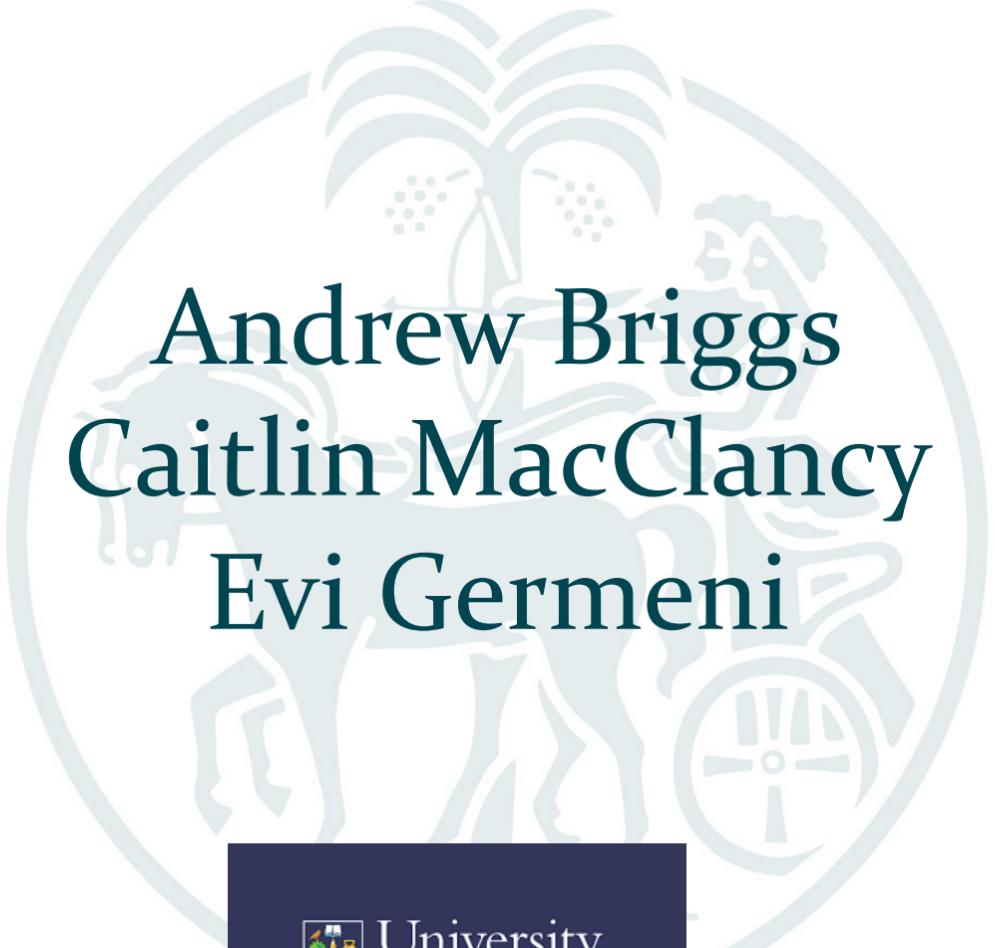


How should health economic evaluations support sustainability considerations?

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Sustainability considerations for HE & HTA

- Sustainable development
- Sustainability in HTA
- Towards a framework for sustainability in health economics & HTA
- Concluding comments

“Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs.”

— Our Common Future (Brundtland Report, 1987)

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Features of the definition

Intergenerational equity

Balancing present and future needs.

Integrated development

Linking environmental protection with economic growth and social inclusion.

Global in scope

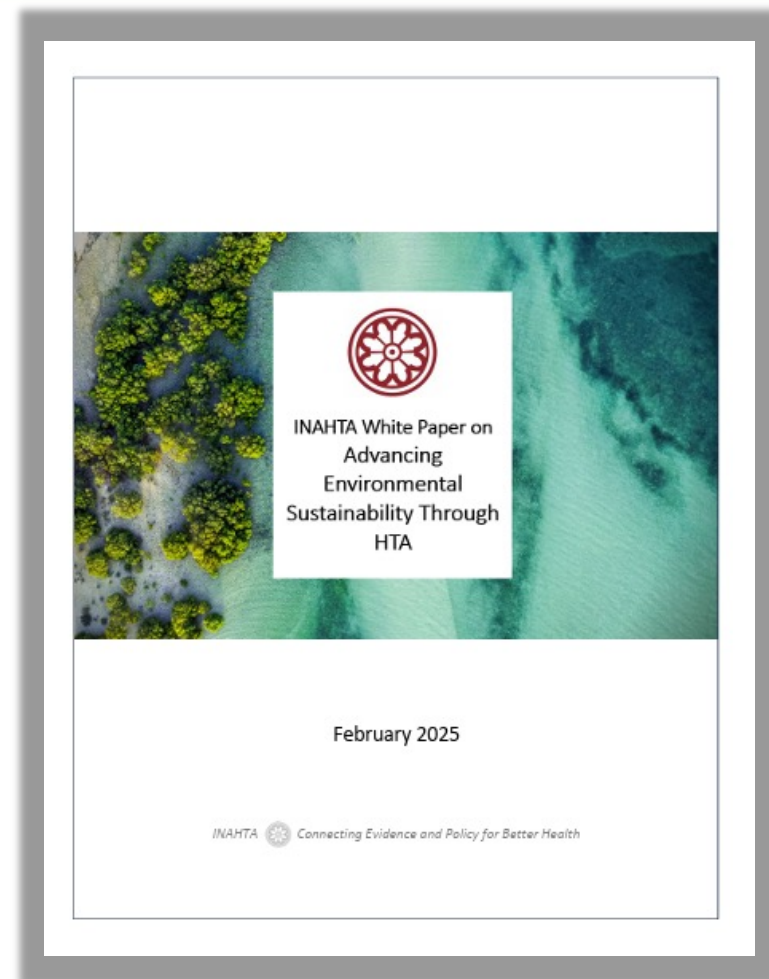
Recognises planetary boundaries and shared responsibilities.

Sustainability in HTA

Environmental Sustainability & HTA
(ESHTA) Special Interest Group
at HTAi

Recent INAHTA White Paper

- Includes ‘sustainability’ in title
- Refers only to ‘environmental impact’
- Commonly treated as synonymous



From the INAHTA report

“...HTA serving as a vital tool for promoting environmental sustainability.” p2

Human beings are currently acting beyond planet sustainability” p3

“This historical opportunity for healthcare systems is echoed by recommendations to transition from a sickness-led model to a more holistic health improvement model of environmentally sustainable healthcare, with greater cooperation between healthcare, social care and environmental policy-makers.[33, 34] To put it simply, efforts towards environmental sustainability are fully congruent with efforts towards wellness of people and wellness of the planet in general.” p4

“...rooted in the ethical imperative of sustainability.” p6

Towards a framework for defining sustainability in HTA

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Environmentally damaging
human activity



Dangerous
climate change



Human Health

Environmentally damaging
human activity

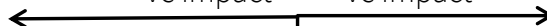


Dangerous
climate change



Human Health

'-ve impact' '+ve impact'



← Climate Change

Environmentally damaging
human activity

Dangerous
climate change

Mitigation

- Renewable energy
- Sustainable transport

Human Health

'-ve impact' '+ve impact'



← Climate Change

← Mitigation

Environmentally damaging
human activity

Dangerous
climate change

Mitigation

- Renewable energy
- Sustainable transport

Adaptation

- Flood defenses
- Urban greening

Human Health

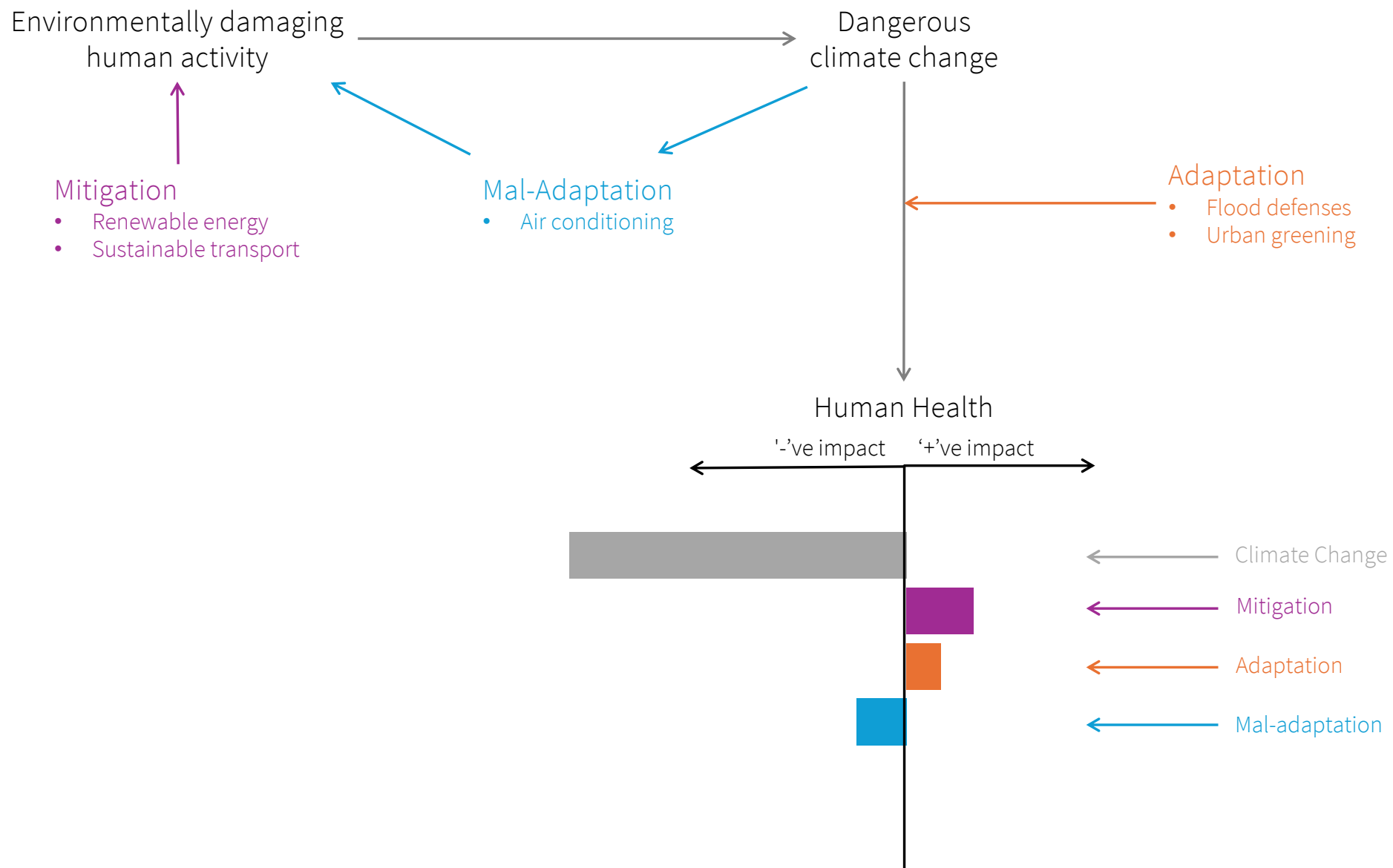
'-ve impact' '+ve impact'

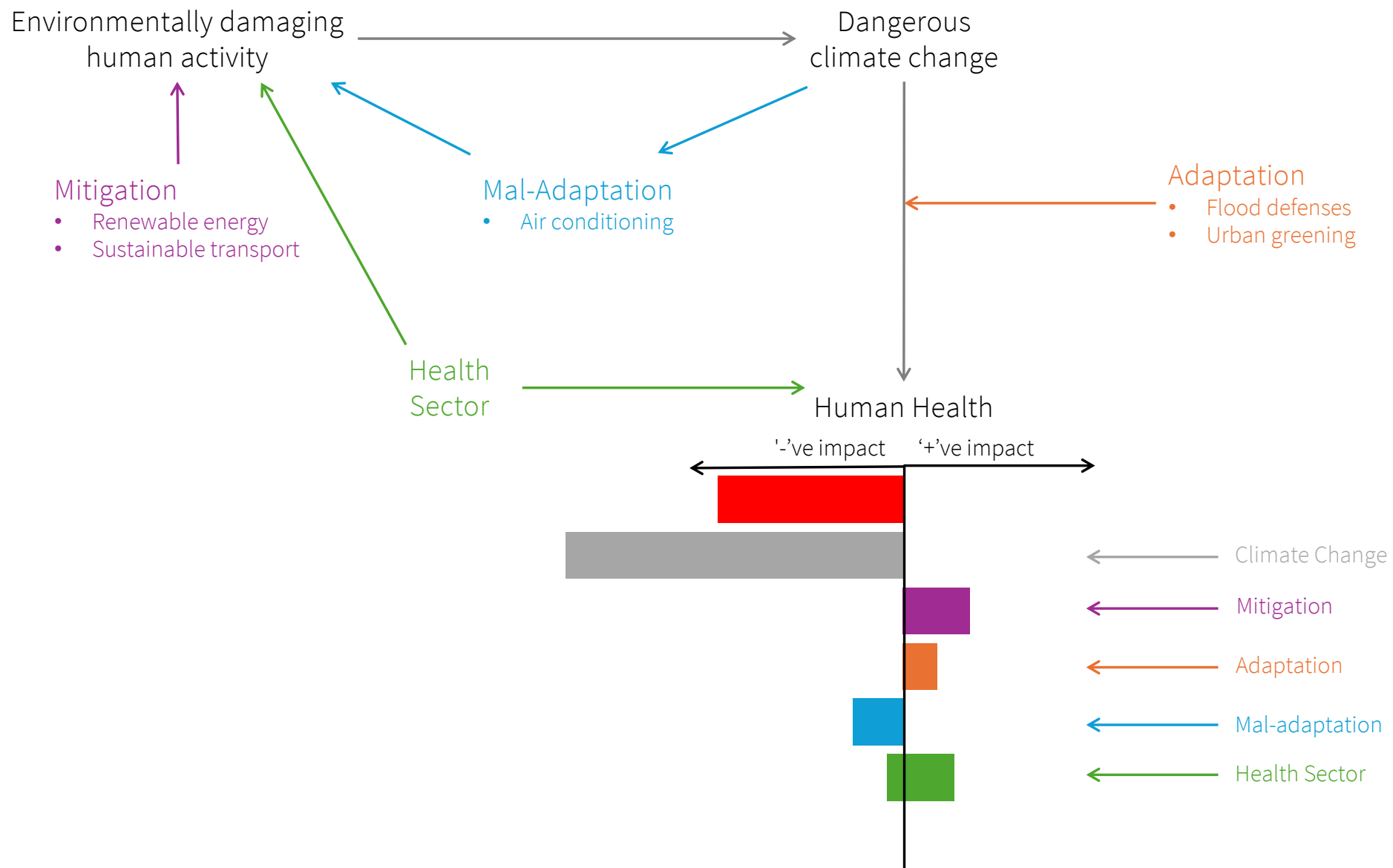


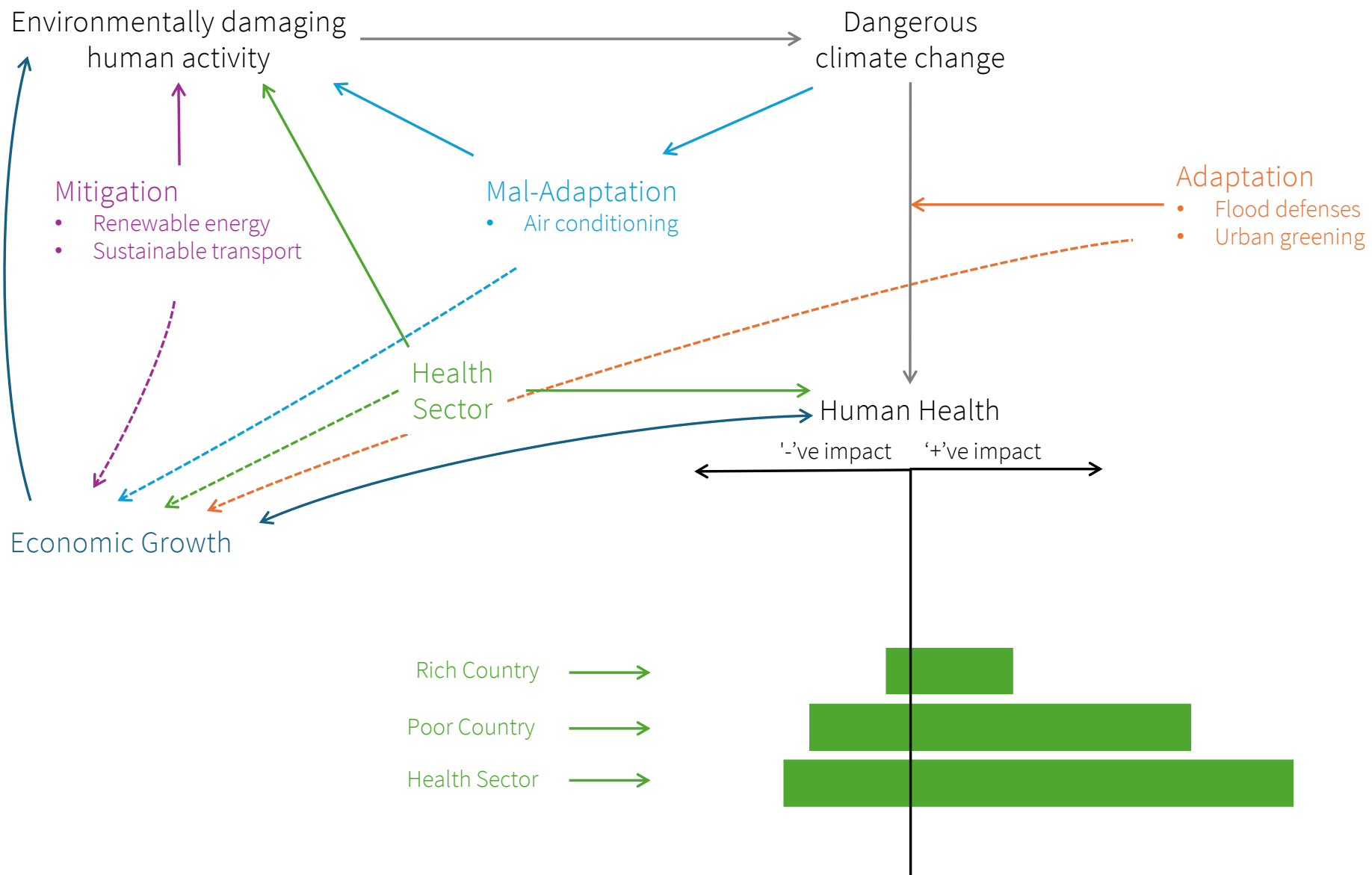
← Climate Change

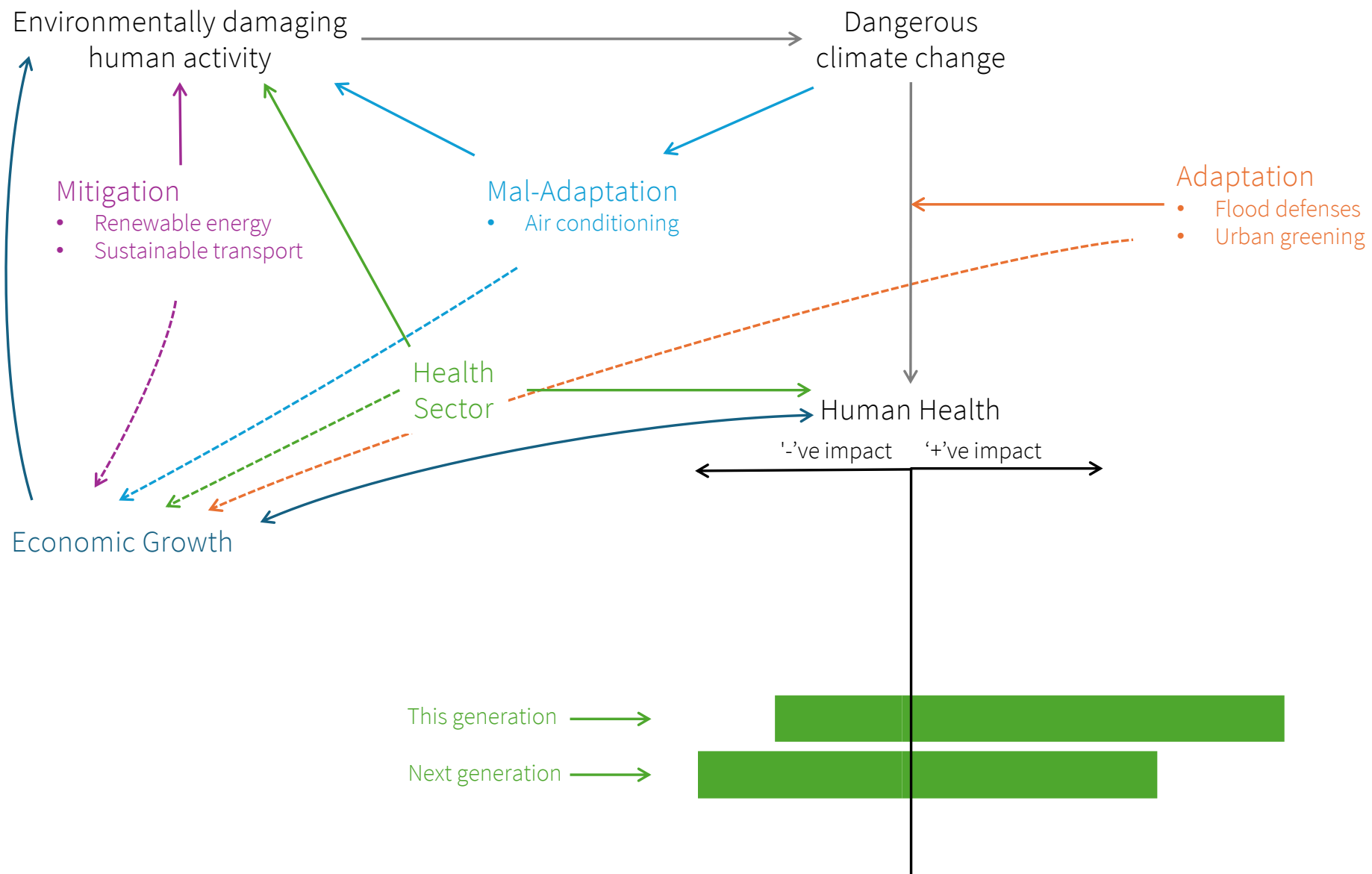
← Mitigation

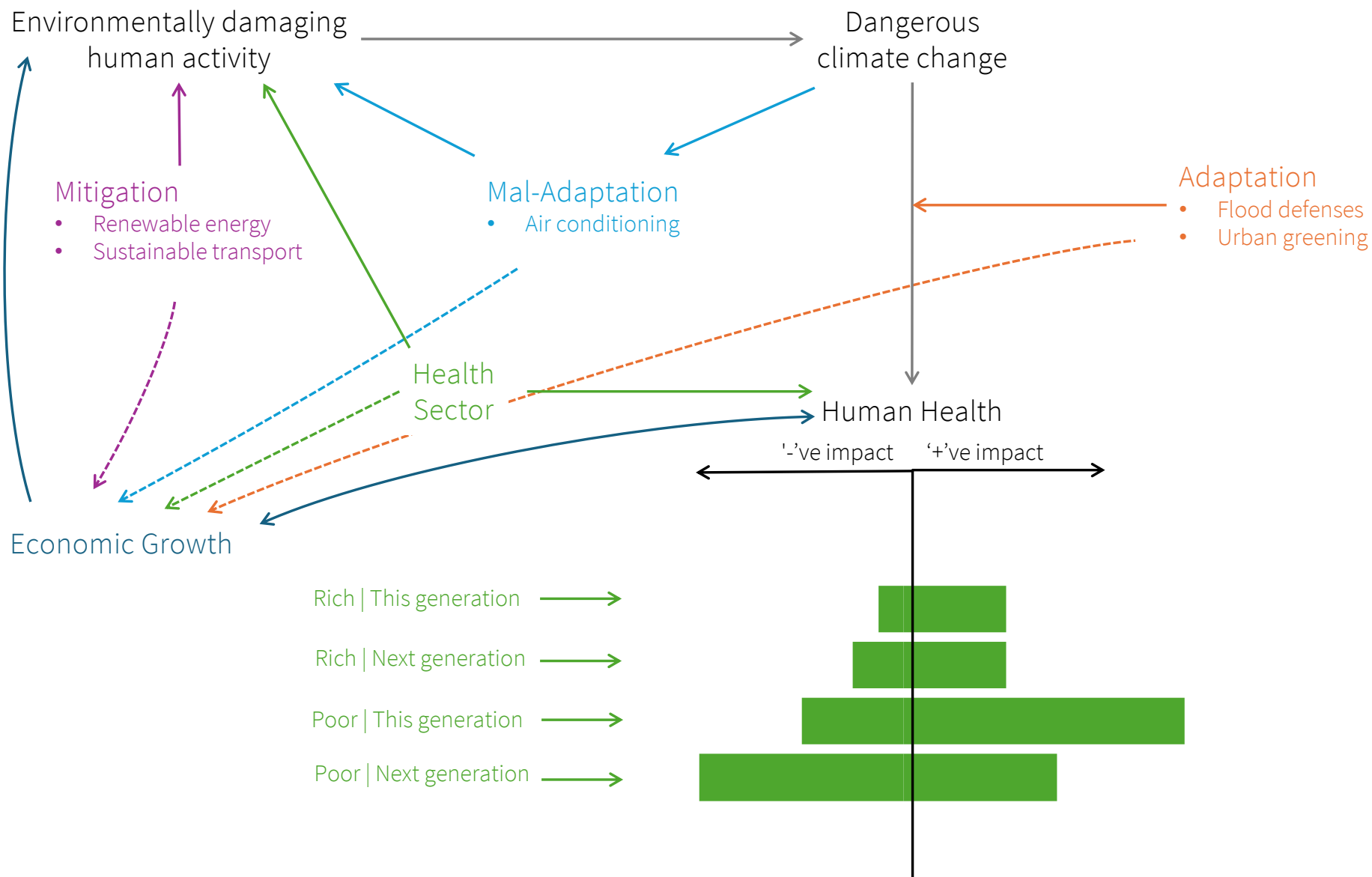
← Adaptation











Sustainability considerations for HE & HTA

Concluding comments:

- Sustainability as a term widely used in relation to HTA
- Sustainability in HTA needs to address intergenerational equity
- Framework presented is highly stylised
- Focus was just on health sector
- Next step is to operationalise



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