Resilient net-zero health care systems
The need for GHG mitigation and adaptation

Iris Martine Blom
PhD Candidate LSHTM
Faculty of Population Health
Introduction

Climate Change

Health
Introduction

Climate Change

Health
Health care impact on climate change


Many components of scope 3 are “unmeasured” and are not fully captured in the 71% of total emissions. These are depicted in purple.
Examples of interlinkages

<table>
<thead>
<tr>
<th>Type of interlinkage</th>
<th>Definition</th>
<th>Action</th>
<th>Primary objective</th>
<th>Interlinkage explained</th>
</tr>
</thead>
<tbody>
<tr>
<td>Co-benefit</td>
<td>“When a plan, policy or measure that aims to enhance an adaptation (mitigation) objective leads simultaneously to the enhancement of mitigation (adaptation) objective”</td>
<td>Hospital-wide passive heating and cooling system</td>
<td>Mitigation</td>
<td>Cooling can also be used in warm months to adapt to high temperatures</td>
</tr>
<tr>
<td>Synergy</td>
<td>“An interaction between an adaptation and a mitigation plan, policy, strategy or practical measure that produces an effect greater than the constituent components”</td>
<td>Green hospital rooftops</td>
<td>Adaptation and mitigation</td>
<td>Increase in energy efficiency of the hospital and a decrease in water runoff</td>
</tr>
</tbody>
</table>
Recent developments

- UNFCCC COP26 Health Commitments – currently 62
- 2022 World Health Day
- G7 Leader’s Communique
- Call WHO for a healthy and sustainable COVID-19 recovery
- Alliance for Transformative Action on Climate and Health (ATACH)

Source: UKCOP26, 2021 [accessed 29/08/2022. Available at: link.]
Way Forward

- Need for country-specific policy development and implementation
- Adequately resourced implementation plans
- Need for both mitigation and adaptation activities
- Support local evidence and participation
- Facilitate cross-country learning and participation

Source: Gulf Today 2023[accessed 18/01/2023. Available at: link.]