Global Health Decarbonization RoadMap
November 2020
Align Health Care with the Paris Agreement to Protect Public Health from Climate Change
Power Health with Low Carbon Solutions to Promote Resilience, Equity and Universal Health Coverage
Significance of National healthcare carbon footprints
The Roadmap will be published in Q1 2021 and support healthcare decarbonization policy dialogues, planning and implementation during 2021-22.

HCWH Climate Strategy refresh will be aligned and include an update to the Climate Challenge refresh and a facility footprint measurement tool for release in 2021.
RoadMap Goal:

To create a north star to guide the health sector to decarbonize in alignment it with the ambition of the Paris agreement and a 1.5C world

RoadMap Objectives:

1. To enhance the baseline developed last year by refining the alignment of the data with health care spending categories, and developing data for some key areas that are not covered in the IO databases.
2. To analyze national health development and growth trajectories together with several climate emissions scenarios.
3. To identify key priority actions to reduce health care’s footprint globally and in selected countries so as to align the sector with the Paris Ambition.
4. To develop Green Paper #2, a roadmap for healthcare decarbonization and resilience.
5. To engage health care leadership around the world in a series of conversations and workshops on implementing the roadmap.
## Spectrum of Interventions in consideration

<table>
<thead>
<tr>
<th>Advocate outside health sector</th>
<th>Decide at ministry of health level</th>
<th>Innovate inside healthcare facility</th>
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<tbody>
<tr>
<td><strong>Upstream actions for health improvement with known climate benefits</strong></td>
<td><strong>Action on social determinants of health to achieve health equity</strong></td>
<td><strong>Health promotion &amp; disease control strategies (climate benefits not obvious)</strong></td>
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<td>Ex. shift to plant-based diet, air quality improvement</td>
<td>Ex. housing programs, food distribution programs</td>
<td>Ex. tobacco control policy, ‘One Health’ surveillance</td>
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<td><strong>Health system-level reforms for improved access and performance</strong></td>
<td><strong>Preventative outpatient-based services for avoiding resource-intensive inpatient care</strong></td>
<td><strong>Healthcare delivery innovations to reduce inefficiency and carbon intensity</strong></td>
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<td>Ex. universal health coverage, adoption of EMR</td>
<td>Ex. cancer screening, vaccination, social prescribing</td>
<td>Ex. more efficient care pathways for specific conditions</td>
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<td><strong>‘Traditional’ measures for green and low-carbon healthcare</strong></td>
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<td>Ex. solar energy, green building design</td>
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<td><strong>Reduce disease burden</strong></td>
<td><strong>Improve healthcare performance</strong></td>
<td><strong>Lower carbon intensity</strong></td>
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RoadMap Timeline and Engagement

Roadmap release date in Q1 of 2021
- Technical Advisory Group with global experts in environment and/or in health: July 2020 - February 2021
- HCWH global climate team and partners: August 2020 - January 2021

High level dialogues across countries/regions on implementing the road map during 2021-22

Health sector engagement and preparations for COP26 - Nov 2021

Development of a tool for more granular national carbon footprinting/roadmapping for use in 2022 onwards

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