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What is a Roadmap?

creating a framework for climate action

European Healthcare Climate Summit

10 November 2020



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Content

- Climate change roadmaps, pathways, for decarbonisation transitions
- Health Care Without Harm:
A Roadmap for Health Care Decarbonization and Resilience
- A quantified emissions profile for evidenced based policy making
- Creating a framework for climate advocacy and action planning

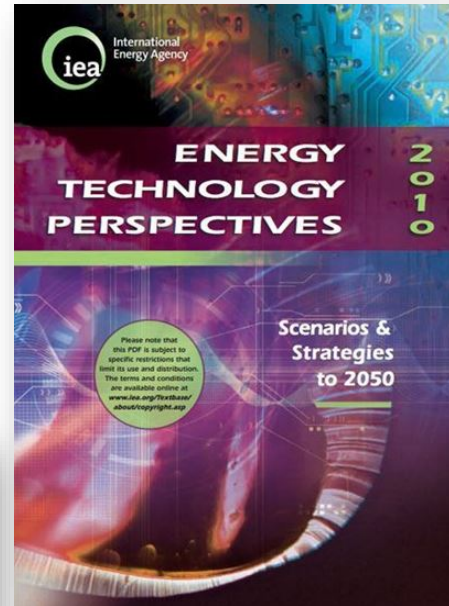
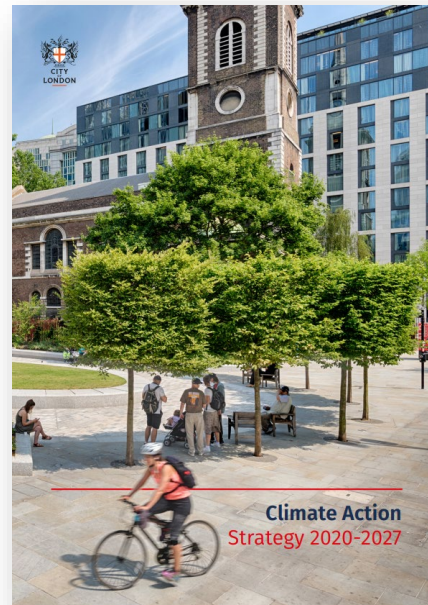




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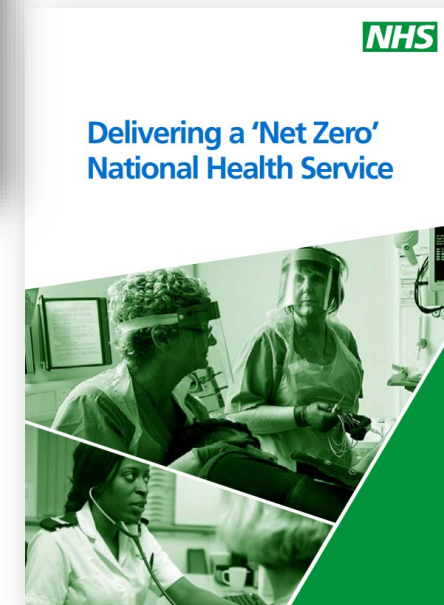
Climate change roadmaps, pathways, for decarbonisation transitions: examples

A city



Global industry and technologies

A national health system



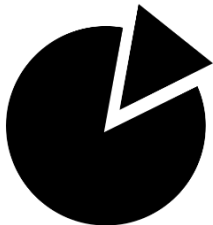
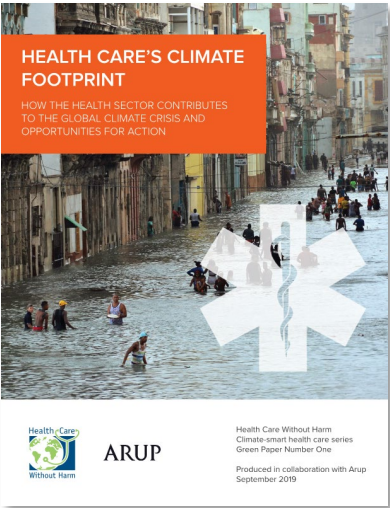
An airport

A Roadmap for Health Care Decarbonization and Resilience



1. Health care sector emissions inventory

Develop a health sector emissions baseline



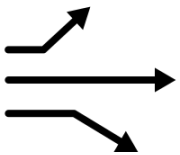
2. National emissions budgets

Derive or access gross national emission budgets; based on a chosen warming scenario (i.e. 1.5C) to 2050



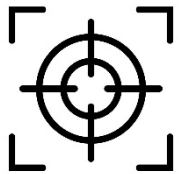
3. National health sector trajectories

Determine what the health care sectors emission allocation should be within national budgets



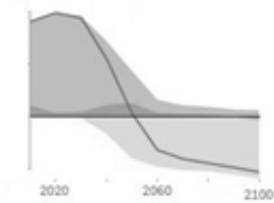
4. Apply underlying sectoral decarbonisation pathways

apply a series of national emission reduction pathways to decarbonise specific energy and industrial systems in selected areas (i.e. electricity, vehicles, space heating, etc.) based on IEA or other third party models



5. Focus assessments

Identify and account for further reduction potentials of key target areas of health care service provision



6. Routemap

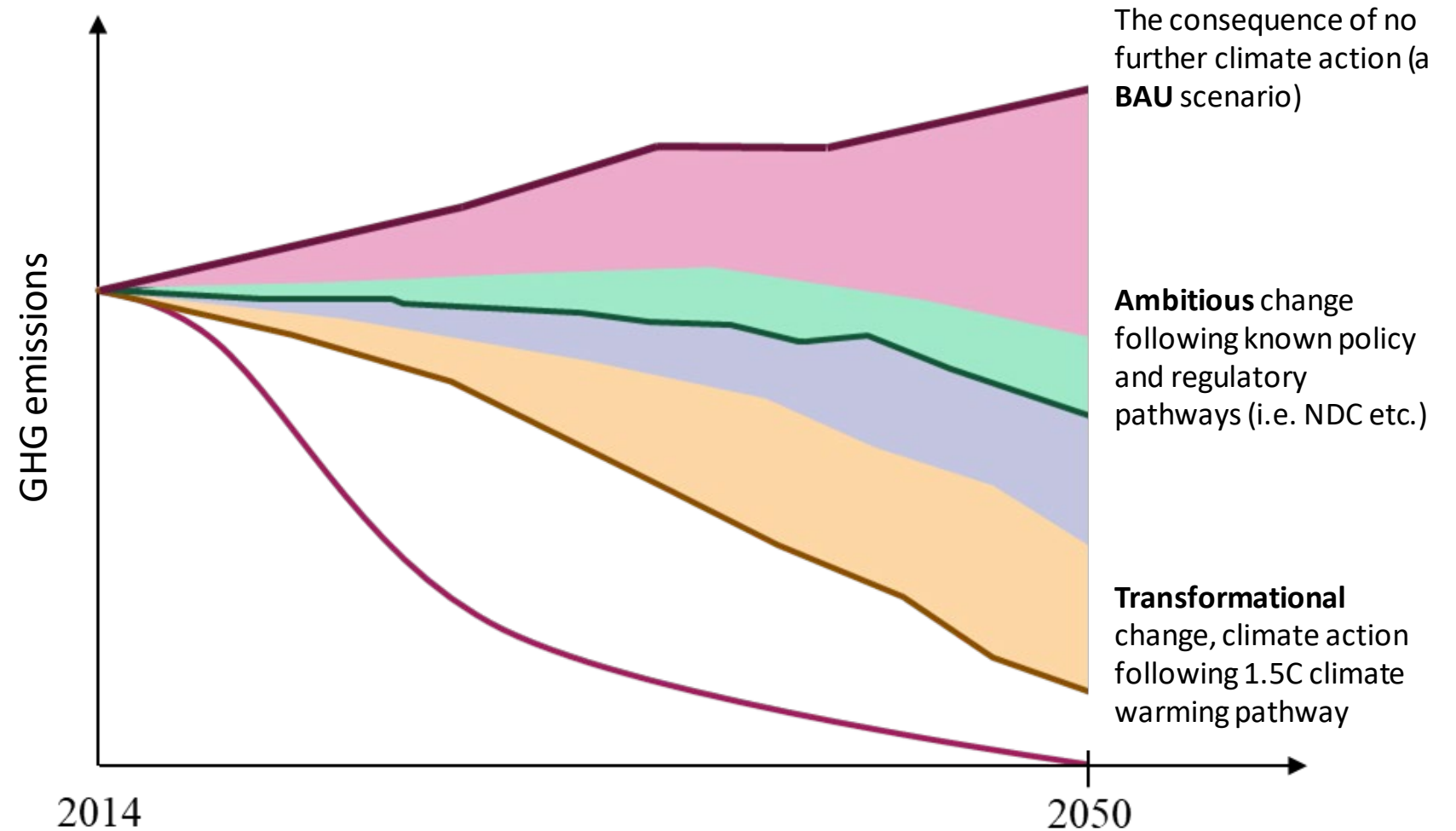
Based on a chosen scenario of underlying decarbonisation pathway (4) and level of decarbonisation from focused interventions (5) propose a pathway for global health care emissions reduction that meets the 1.5C warming budget (if plausible).



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A quantified GHG emissions pathway to net zero

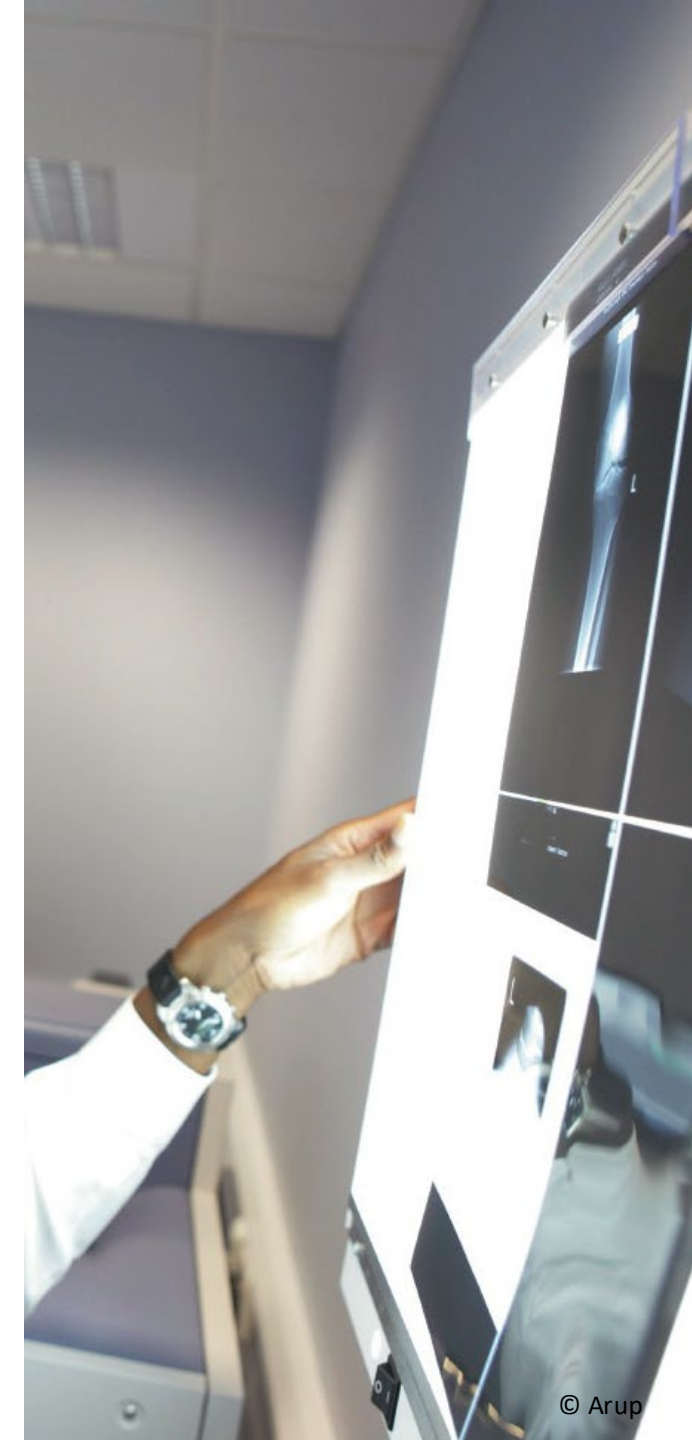




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Creating a framework for climate advocacy and action planning

- A robust evidence base for policy making
- Baseline GHG emissions assessment:
 - 2014 with projection to 2050
- Individual national health care emission budgets; national pathways to net zero:
 - 43 country health care budgets & one for rest of the world
 - Aligned with Paris Agreement 1.5C global warming scenario
- Healthcare trends
 - Incorporating future demand and technology deployment
- Supply chain actions
 - Full supply chain based emissions incorporated
- Healthcare actions
 - Interventions to take inside the health care system





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Thank you!