What is a Roadmap?

creating a framework for climate action

European Healthcare Climate Summit
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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
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).
A quantified GHG emissions pathway to net zero

**GHG emissions**

- **The consequence of no further climate action (a BAU scenario)**
- **Ambitious** change following known policy and regulatory pathways (i.e. NDC etc.)
- **Transformational** change, climate action following 1.5C climate warming pathway
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
Thank you!