

Health Care Supply Chain Working Group

Working Group Co-leads

- Chip Davis, Healthcare Distribution Alliance (HDA)
- Michelle McMurry-Heath, Biotechnology Innovation Organization (BIO)
- Greg Smith, Medtronic

Working Group Membership

- Academia
- Biotechnology
- Federal government
- Distribution
- Health care services
- Hospital systems
- Group purchasing organizations
- Medtech
- Pharmaceuticals and biopharmaceuticals
- Trade associations



Health Care Supply Chain Working Group

Working Group Charge

Identify and advance opportunities to reduce the carbon footprint of the health care supply chain and strengthen its resilience, as well as promote sustainable innovation in product manufacturing, packaging, and distribution.

Areas of Focus

- Scaling resources and best practices for supply chain decarbonization
- Fostering alignment around metrics, accounting, and reporting standards
- Highlighting policy & regulatory challenges and solutions



Health Care Supply Chain Working Group Goals & Priorities

Scaling Resources & Best Practices

- Working Group plans to create a “Sustainability Roadmap & Resource Repository” to help supply chain companies start or accelerate their sustainability journeys, outlining key stages along the way
- Envisioned that each stage could include a set of objectives, outcomes, milestones to be achieved and actions to be taken, as well as a recognition of some of the key barriers and challenges often encountered
- Within each stage, embed links to relevant resources, decision aides, guides, toolkits, and best practices



Health Care Supply Chain Working Group Goals & Priorities

Metrics, Accounting, and Reporting Standards

- Aim to get as many entities in the health care supply chain as possible moving towards measuring and reporting their greenhouse gas emissions, and setting science based targets
- To that end, Working Group seeks to align around common standards and timelines for emissions measurement, reporting, and target setting
- Envision accomplishing this through soliciting signatories to written, public commitment letters, outlining shared principles and expectations



Health Care Supply Chain Working Group Goals & Priorities

Policy & Regulatory Challenges and Solutions

- Want to enhance alignment and coordination between industry and policy and regulatory bodies to better incentivize and enable sustainable health care services, products, and innovation
- Working Group will develop case studies highlighting critical regulatory or policy barriers with relevance to the entire supply chain, and highlight successful examples of public-private partnership
- Initial topics include:
 - Aligning the regulatory approval pathway for sustainable product improvement and innovation;
 - What it takes to fulfil accounting and reporting requirements (particularly as it pertains to SMEs)



Health Care Delivery Working Group

Working Group Co-Leads

- Andrea Garcia, American Medical Association (AMA)
- David Grossman, Kaiser Permanente
- Michelle Hood, American Hospital Association (AHA)

Working Group Membership

- Academia
- Professional associations
- Federal government
- Foundations
- Health care services
- Hospital systems



Health Care Delivery Working Group Charge

Working Group Charge

- Scale sustainable, quality, and equitable health care operations and practices to reduce the carbon footprints of HCOs, including reducing unnecessary and carbon-intensive health care services

Areas of Focus

- Building a multifaceted case for decarbonization for health care organizations' (HCOs) C-suite leadership
- Highlighting policy & regulatory challenges and solutions
- Identifying core sustainability metrics for HCOs
- Developing decarbonization playbooks and best practices for HCOs



Health Care Delivery Working Group Goals & Priorities

Case for Decarbonization

- Working Group plans to develop a brief for health care organizations' (HCOs) C-suite leadership on the multi-faceted case for decarbonization, focusing on the “why”
- Envision developing a series of pathways for decarbonization, depending on an organizations' current sustainability journey, and will direct HCOs to other resources as well
- Aim for more HCOs to make a commitment to decarbonize

Health Care Delivery Working Group Goals & Priorities

Sustainability Metrics

- Aim to get as many health care organizations (hospitals and clinical practice) as possible moving towards measuring and reporting their greenhouse gas emissions, and setting science based targets
- To that end, Working Group seeks to align around common standards and timelines for emissions measurement, reporting, and target setting (*in coordination with Supply Chain Working Group*)
- Plan to communicate and promote adoption of metrics for the industry through associations and peer network organizations



Health Care Delivery Working Group Goals & Priorities

Policy and Regulatory Barriers

- Working Group aims to identify policies and regulatory barriers preventing progress on decarbonization and resilience from accelerating, as well as solutions
- To this end, they will develop an action plan to advocate for the adoption of solutions to address these barriers



Health Care Delivery Working Group Goals & Priorities

Decarbonization Best Practices

- Working Group will build upon the case for decarbonization and develop playbooks for HCOs, focusing on the “how”
- Plan to leverage existing frameworks and success stories, and will share research and best practices
- In addition to C-suite, audiences will include health professionals, sustainability officers, and health equity officers

Health Professional Education and Communication Working Group

Working Group Co-Leads

- Ari Bernstein, Center for Climate, Health, and the Global Environment, Harvard T.H. Chan School of Public Health (Harvard Chan C-CHANGE)
- Beverly Malone, National League for Nursing
- David Skorton, Association of American Medical Colleges (AAMC)

Working Group Membership

- Academia
- Federal government
- Health professional students
- Health professional associations
- Hospital systems
- Non-profits



Health Professional Education & Communication Working Group Strategic Framework

Purpose: To empower health workers and learners to better advocate for decarbonizing healthcare through education and communication that emphasize the health and equity benefits of climate actions.

Theory of change: A health workforce knowledgeable about the health, health equity, and decarbonization benefits of climate actions will be more effective advocates for climate actions in their institutions and communities. Our voices can accelerate healthcare sector decarbonization and, through our leadership, drive decarbonization in other sectors.

Primary audiences: Health professions students (e.g., nursing, pharmacy, medicine, social work, dentistry, etc.), health workers (e.g., nurses, physicians, pharmacists, social workers, dentists, etc.), public health learners and practitioners, health worker educators, hospital and clinic leadership, hospital and clinic boards of directors.



Health Professional Education and Communication Working Group Goals & Priorities

- Identify knowledge gaps on climate and health
- Garner support for decarbonizing health care, as well as greater climate and health education
- Scale existing climate and health educational and health worker focused communications programs
- Identify opportunities to expand curricula and other educational opportunities across the continuum (undergraduate, graduate, and continuing education), as well as the local health benefits of climate actions



Health Professional Education & Communication Working Group

Community Listening Sessions

- Working Group will convene ~5-7 closed listening sessions with representatives of communities with lived experience, health workers, and health learners
 - Potential participants: communities impacted by climate change; patients; youth leaders/organizations; health professional students; health professional educators
- Plan to develop an open questionnaire accompanying each listening session to reach those beyond session participants and capture more stakeholders' thoughts and comments
- Envision that key takeaways and highlights from these listening sessions will be shared with and inform the institutional leadership convening



Health Professional Education & Communication Working Group

Institutional Leadership Convening

- Working Group aims to convene institutional leadership to identify knowledge gaps on climate and health, garner support for decarbonizing healthcare and advocate for greater climate and health education
- Envision that the convening output could include:
 - A discussion paper that identifies the knowledge and action gaps that need to be filled in order to move forward
 - An “essentials” document that lays out competencies for each level of education that would include theory, skills, and knowledge that need to be taught
- Will explore holding a second convening that would bring together meeting participants with listening sessions participants



Policy, Financing, and Metrics Working Group

Working Group Co-leads

- Don Berwick, Institute for Healthcare Improvement
- Liz Fowler, Center for Medicare and Medicaid Innovation
- Jonathan Perlin, The Joint Commission

Working Group Membership

Members drawn from other three working groups

- Academia
- Federal government
- Foundations
- Health professionals & associations
- Hospital systems & associations
- Group purchasing organizations
- Industry / supply chain companies & associations
- Payers



Policy, Financing, and Metrics Working Group

Working Group Charge

Identify evidence-informed policies, regulations, metrics, financing, and payment structures to support health sector decarbonization and resilience.

Areas of Focus

- Metrics
- Policy & regulatory barriers and opportunities
- Financing
- Technical assistance & resources



Policy, Financing, and Metrics Goals & Priorities

Metrics

- Identify a targeted set of metrics that will guide the work and progress of the Action Collaborative and its individual members towards reducing emissions and enhancing the resilience of the health sector
- Explore whether these can be scaled across the sector and guide how entities set targets, measure and report emissions
- First, focusing on decarbonization metrics and indicators for HCOs, others to follow
- Particular emphasis on HCO Scope 3 emissions metrics



Policy, Financing, and Metrics

Goals & Priorities

Policy & regulatory barriers and levers

- Create an integrated and cohesive policy agenda based on key barriers and opportunities identified across the working groups
- Areas addressed will span supply chain, health care delivery, clinical education, and research
- Agenda will focus primarily at the federal level but will highlight opportunities at the state, municipal, and organizational levels, where appropriate



Policy, Financing, and Metrics

Goals & Priorities

Financing

- Understand the financial costs and savings from decarbonizing, particularly for HCOs
- Collaborate with the other working groups to develop or assemble relevant resources (appealing to C-suite leaders and boards)

Technical assistance/resources

- Support development or assembly of resource compendiums (tools, guides and checklists) and best practices

