The "What" of Systems Transformation: Anchoring Health in Climate Action

TUESDAY – WEDNESDAY, APRIL 29 – 30, 2025 | VIRTUAL

Join the U.S. National Academy of Medicine (NAM) for the first of four information-gathering workshops to inform the Commission developing the *Roadmap for Transformative Action to Achieve Health for All at Net-Zero Emissions*. Spanning two days, this workshop will:

- Reframe climate action through a health-focused lens, examining opportunities and challenges for leveraging health as a strategic anchor point to bridge diverse economic and geopolitical interests.

- Illustrate the need for systems transformation by identifying the global economic sectors driving climate change—including energy, transportation, agriculture, and manufacturing, among others—and exploring pathways to net-zero emissions that also maximize health co-benefits.

- Explore the economic, political, and social systems shaping sector-specific and cross-sector responses to climate change, and identify the policy, governance, and behavioral shifts required to align economic and sustainability goals with improved health outcomes.

Day 1 – Tuesday, April 29, 9:00 AM – 1:00 PM EDT / 2:00 – 6:00 PM BST

9:00–9:20AM EDT	**Welcome and Opening Remarks** Michele Toplitz, *National Academy of Medicine* Victor J. Dzau, *National Academy of Medicine*
9:20–10:45AM EDT	**SESSION 1** **Establishing a Systems Approach to Climate Action Anchored in Health** **Objective:** Introduce the core concepts and guiding vision of NAM's Roadmap initiative, uniting participants around centering health as a catalyst for climate solutions and establishing a systems transformation mindset to drive climate action.

Moderator: Jonathan A. Patz, *University of Wisconsin-Madison* | Roadmap Commissioner and workshop planning committee co-lead

Invited Speakers

- Andrew Haines, *London School of Hygiene & Tropical Medicine* | Roadmap Commission co-chair

- Diarmid Campbell-Lendrum, *World Health Organization* | Roadmap Commissioner

- Kelly Levin, *Systems Change Lab* | Roadmap Commissioner and workshop planning committee member

10:45–11:00AM EDT	**BREAK**

11:00AM–12:50PM EDT	**SESSION 2** **Opportunities & Challenges for Transformative Health-Centered Climate Action across High-Emitting Sectors**

Objective: Explore how health can serve as both an anchor point and a strategic lever to address challenges, unlock opportunities, and drive climate action within and across high-emitting sectors toward net-zero emissions.

Moderator: Maruxa Cardama, *SLOCAT Partnership on Sustainable, Low Carbon Transport* | Roadmap Commissioner and workshop planning committee member

Invited Speakers

- Rana Adib, *REN21*

- Adina Renee Adler, *Global Steel Climate Council*

- Simeon Ehui, *CGIAR*

- Michael Replogle, *Institute for Transportation & Development Policy*

- Ommid Saberi, *International Finance Corporation (IFC)*

12:50–1:00PM EDT	**DAY 1 Wrap-Up & Adjourn**

Jonathan A. Patz, *University of Wisconsin-Madison* | Roadmap Commissioner and workshop planning committee co-lead

Michele Toplitz, *National Academy of Medicine*

Day 2 – Wednesday, April 30, 9:00 AM – 12:30 PM EDT / 2:00 – 5:30 PM BST

9:00–9:15AM EDT	**Welcome and Day 2 Kick-Off** Michele Toplitz, *National Academy of Medicine*

Daniel Kammen, *University of California, Berkely* | Workshop planning committee co-lead

9:15–10:45AM EDT	**SESSION 3** **Lessons for Transformational Climate-Health Action**

Objective: Distill key learnings from past and ongoing initiative that have pursued systems-level change across institutions, levels of government, and sectors, drawing actionable insights for integrating health co-benefits into the Roadmap and other future efforts.

Moderator: Tamer Rabie, *World Bank Group* | Roadmap Commissioner

Invited Speakers

- Sandrine Dixson-Declève, *The Club of Rome and Earth4All*

- *Additional speakers TBA*

10:45–11:00AM EDT	**BREAK**

11:00AM–12:15PM EDT	**SESSION 4** **Positioning Health as a Bridge Between Sectors and Systems**

Objective: Explore how reframing health beyond traditional boundaries can embed it into policy, economic, and social systems, as well as climate strategies, to catalyze collective action and systems change.

Moderator: Judith Rodin, *University of Pennsylvania and the Rockefeller Foundation (former)* | Roadmap Commission co-chair

Invited Speakers

- Anita Chandra, *RAND Social and Economic Well-Being*

- Fatimah Kelleher, *NAWI Collective*

- Alaa Murabit, *United Nations High-Level Commission on Health Employment and Economic Growth*

12:15–12:30PM EDT	**DAY 2 Closing Reflections & Adjourn**

Howard Frumkin, *University of Washington* | Roadmap Commissioner

Michele Toplitz, *National Academy of Medicine*