

Exploring AI opportunities for health care sustainability

May 14, 2026

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Setting the Scene:

The challenge & opportunity of AI in
health care sustainability

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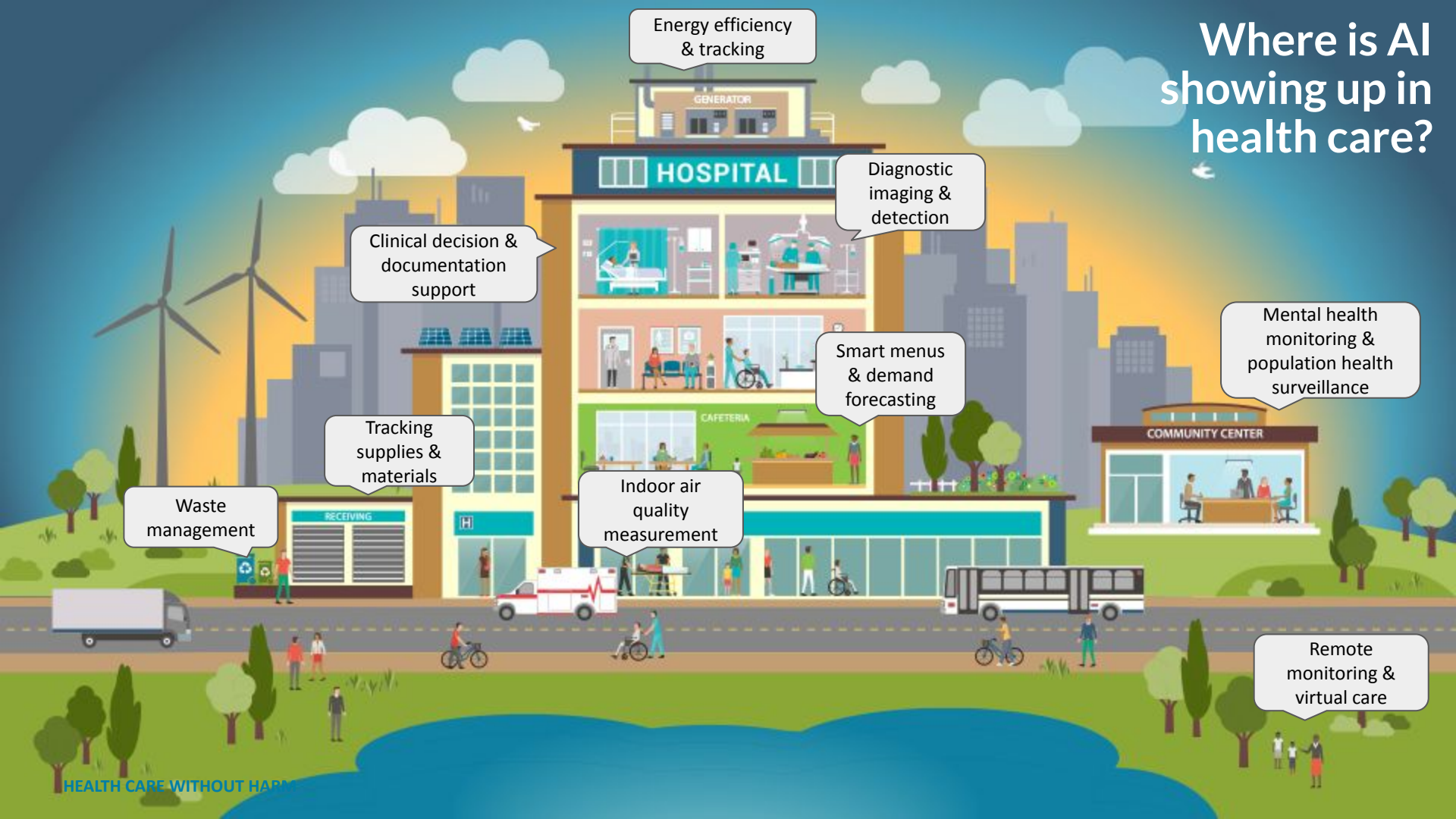
PRACTICE
Greenhealth



OUR MISSION

To transform health care worldwide so that it reduces its environmental footprint and becomes an anchor for sustainability and a leader in the global movement for environmental health and justice.

Where is AI showing up in health care?



Energy efficiency
& tracking

GENERATOR

HOSPITAL

Diagnostic
imaging &
detection

Clinical decision &
documentation
support

Smart menus
& demand
forecasting

Mental health
monitoring &
population health
surveillance

Tracking
supplies &
materials

Waste
management

RECEIVING

Indoor air
quality
measurement

H

CAFETERIA

COMMUNITY CENTER

Remote
monitoring &
virtual care

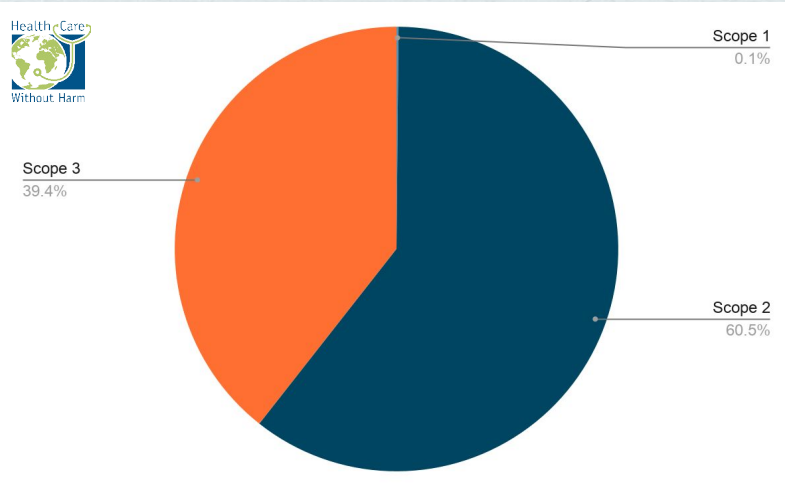
The climate & equity impact of AI is a procurement & policy challenge

- not a user behavior problem – and we can shape what's next

Health Care Without Harm's AI Footprint

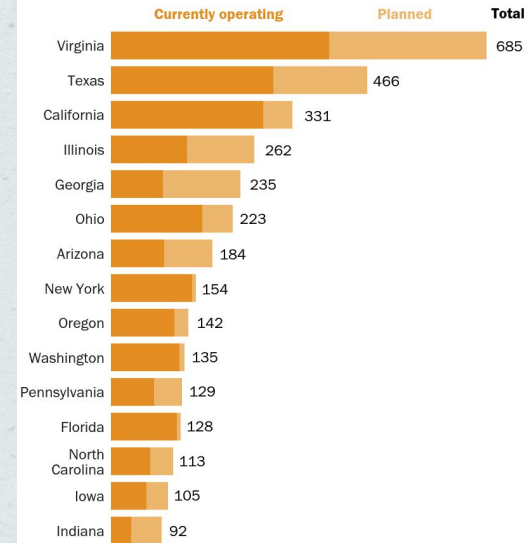
March 2025 - April 2026

Total: 610 kg CO₂e



Impact is shaped by where and how AI infrastructure is built

Number of data centers in each state, by operating status



Note: Planned category includes data centers listed as "under construction," planned or "land banked." Only the top 15 states by total are shown.
Source: Data Center Map, accessed Feb. 19, 2026.

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We already have the playbook to make AI infrastructure more sustainable and equitable in health care

- Advocate for thoughtful adoption
- Leverage procurement as the most immediate mechanism
- Demand location-based Scope 2 disclosure from AI vendors
- Extend existing sustainability reporting infrastructure
- Use community benefit & CHNA infrastructure
- Push for inclusion in national policy frameworks

From Possibility to Practice

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The Tradeoffs We Can't Ignore

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What Responsible Looks Like in Action

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Audience Perspectives

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Closing Remarks

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Your next steps

LEARN

Identify one concrete use case where AI could support your **sustainability goals** (e.g., waste tracking, energy optimization, supply chain insights).

CONNECT

Reach out to one internal partner (IT, data, operations) to explore feasibility and align on priorities.

ACT

Share where your health system stands on AI: take our 2-minute anonymous survey in the CleanMed app or via the link in the chat. Your responses help shape how we support the field.

Continue your sustainability journey with
Practice Greenhealth.

