

# Advancing Healthcare Sustainability for Positive Long-term Outcomes

## UN Science Summit Global Health Connector Partnership Event

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Sept 26, 2023



Memorial Sloan Kettering  
Cancer Center

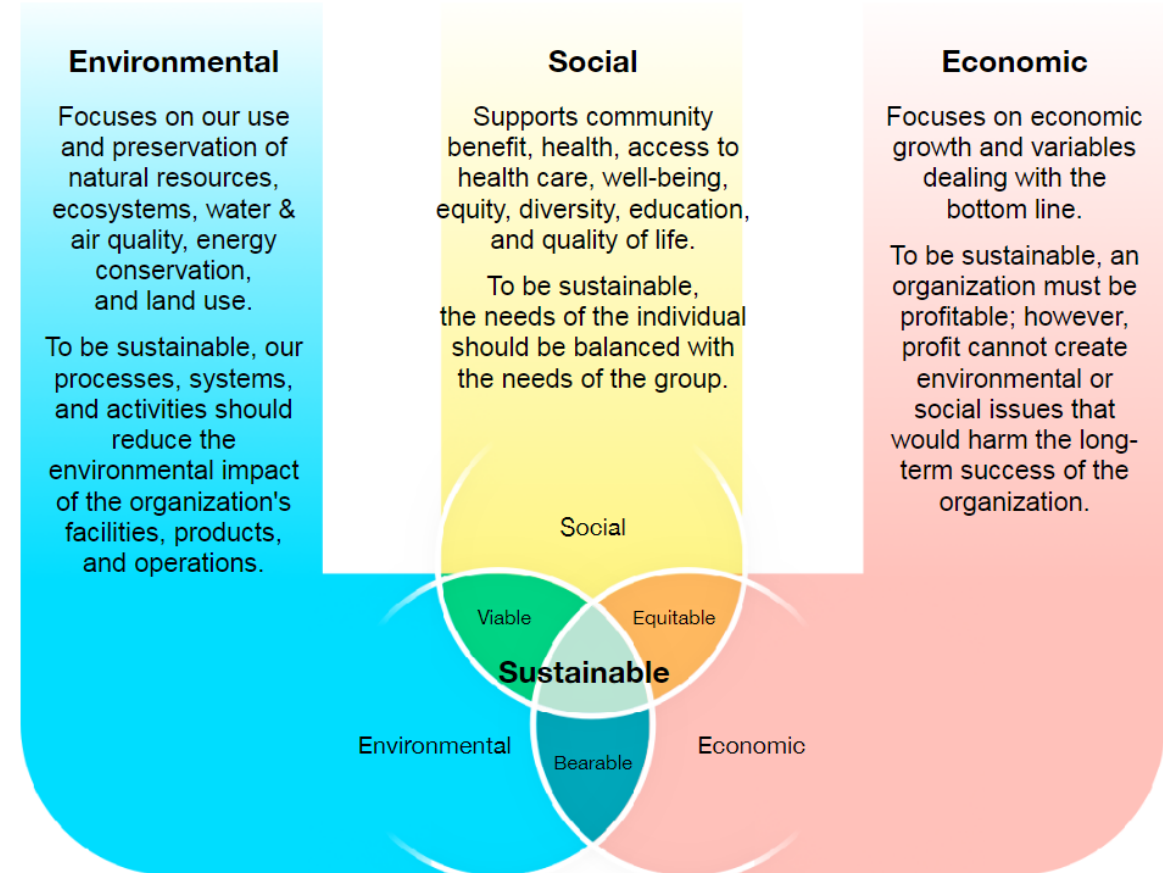
# A Commitment to Sustainability at MSK

## Sustainability Objective Statement:

To lead and innovate sustainable practices with an environmental, social, and economic benefit for our patients, staff, and community in support of MSK's mission.

## Sustainability Program Framework:

- Organizational Culture
- Climate Action & Resilience
- Energy Efficiency
- Water Reduction
- Waste Management/Reduction
- Sustainable Sourcing
- Green Building
- Food & Nutrition
- Stakeholder/Staff Engagement



# 2023 MSK Sustainability Goals



**Energy Efficiency**  
Reduce  
60% for NYC by  
2025 and 75% by  
2030 (from 2007)  
and 10% EUI  
for regional  
facilities  
by 2027



**Recycle Waste**  
> 22.5% of total  
Regulated  
Medical Waste  
Max 6.25% of  
total  
Increase  
data accuracy /  
visibility  
and targeted  
trainings



**Green Building**  
Minimum  
LEED Silver or  
Gold  
Certification  
for all new  
MSK-owned  
buildings  
and major  
renovations



**Sustainable Sourcing**  
Sustainable  
sourcing  
standards  
into MSK  
Supplier  
Relationship  
Management  
and RFX / go-  
to-market  
processes



**Paper**  
Reduce total  
paper YOY  
Reduce 75%  
(from 2008  
baseline)  
Leverage  
MSK's digital  
transformation  
within  
DigITs



**Food & Nutrition**  
Spend  
22% on  
sustainably-  
certified or local  
sources  
Reduce  
GHG 25%  
(from  
2018- 2030)



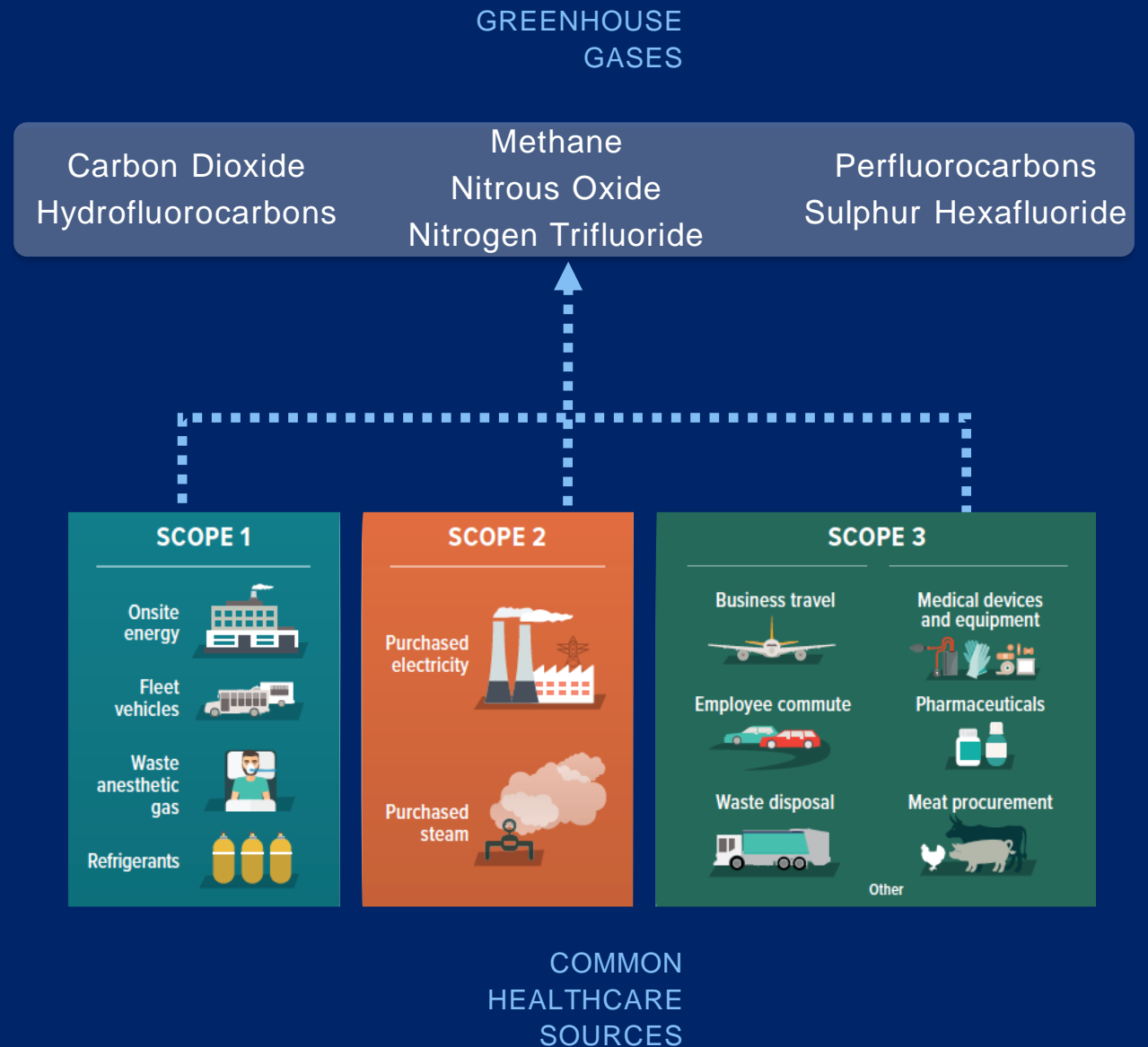
**Sustainability Task Forces/ Staff Engagement**  
At least 1  
task force  
at facilities  
> 50,000 sq ft.  
Implement  
facility specific  
Sustainability  
Work Plan at  
additional sites



**Green Labs/ Greening the OR**  
Promote and  
increase  
staff  
participation  
in key  
GOR and  
Green Labs  
programs

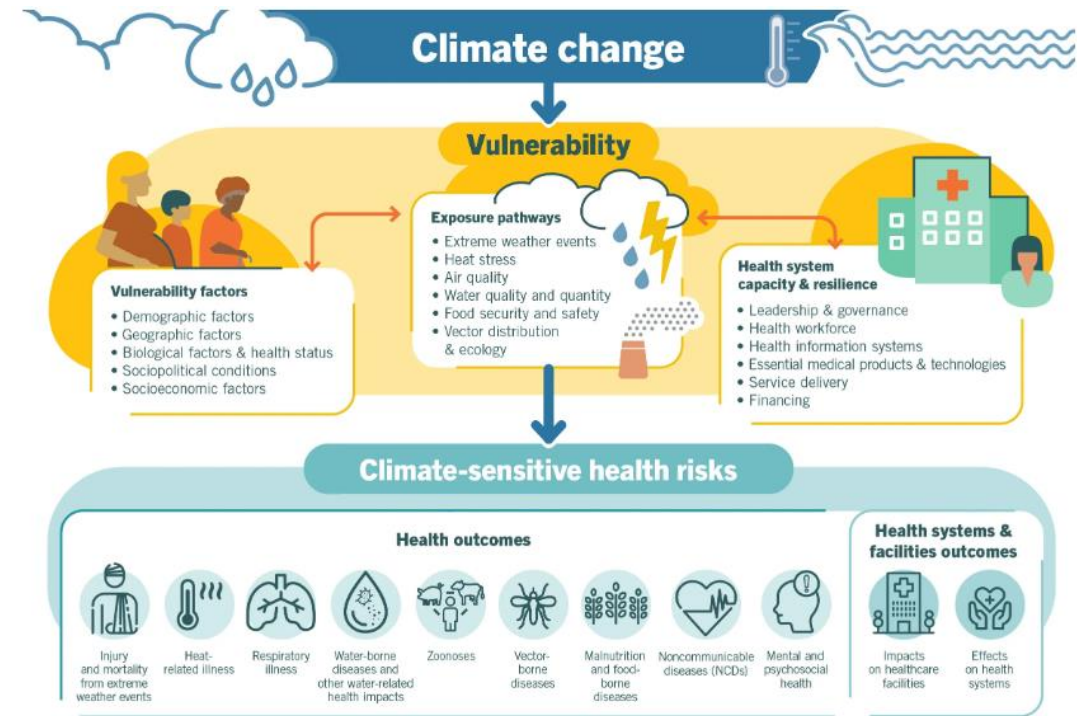
# MSK Climate Action and Resiliency Goals

- Reduce organizational Scope 1 and Scope 2 emissions by 50% by 2030 and chart a roadmap to achieve net-zero by 2050
- Designate an executive-level lead for work on reducing GHG's by end of 2023 and conduct an inventory of Scope 3 (supply chain) emissions by end of 2024
- Develop a risk assessment and climate resilience plan for continuous operations by the end of 2024



# Call to Action - Climate Change and Public Health

- Clinicians and health care professionals have an important role to play in reducing health care's environmental impact, including production of greenhouse gas emissions (GHG)
- Over 200 medical journals, including The Lancet and the New England Journal of Medicine, published a [call for urgent action](#) to keep average global temperature increases below 1.5C, restore biodiversity, and protect health
- U.S. health care [makes up 8.5 % of total U.S. GHG's and 27% of the global health care footprint](#)
- If the global health care sector were a country, it would be the [fifth-largest emitter](#) of greenhouse gases



Source: WHO Climate Change and Health

## Healthcare system gas emissions cost 98,000 lives each year, House committee says

Alexis Kayser - Monday, September 19th, 2022

REVIEW | VOLUME 21, ISSUE 11, E519-E527, NOVEMBER 2020

**Cancer and climate change**

Prof Robert A Hiatt, MD & Naomi Beyeler, MPH

Published: November, 2020 • DOI: [https://doi.org/10.1016/S1470-2045\(20\)30448-4](https://doi.org/10.1016/S1470-2045(20)30448-4)

REVIEW ARTICLE

Call for emergency action to limit global temperature increases, restore biodiversity, and protect health

Lukoye Atwoli • Abdullah H Baqui • Thomas Benfield • Raffaella Bosurgi • Fiona Godlee • Stephen Hancocks • et al.

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## The Climate Crisis — Health and Care Delivery

Renee N. Salas, M.D., M.P.H., and Caren G. Solomon, M.D., M.P.H.

## The Imperative for Climate Action to Protect Health

Andy Haines, M.D., and Kristie Ebi, M.P.H., Ph.D.