



# Climate Action 2050 Planning Updates

## *Sustainability Task Force*

February 12, 2024

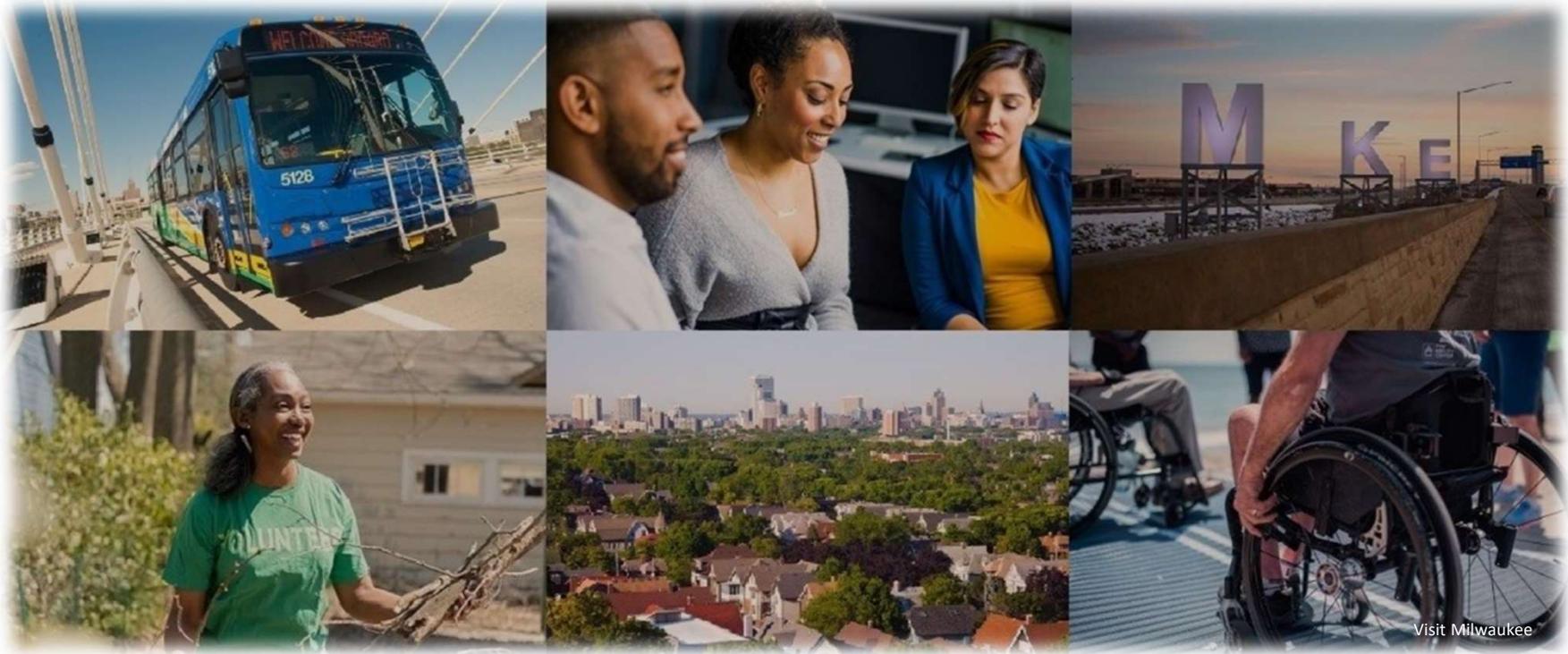
---

Gordie Bennett, Sustainability Director

DAS-Facilities Management

[county.milwaukee.gov/climate-plan](https://county.milwaukee.gov/climate-plan)





# CA50 PLANNING UPDATES

---



# CA50 Planning Timeline



# CA50 Strategy Meetings

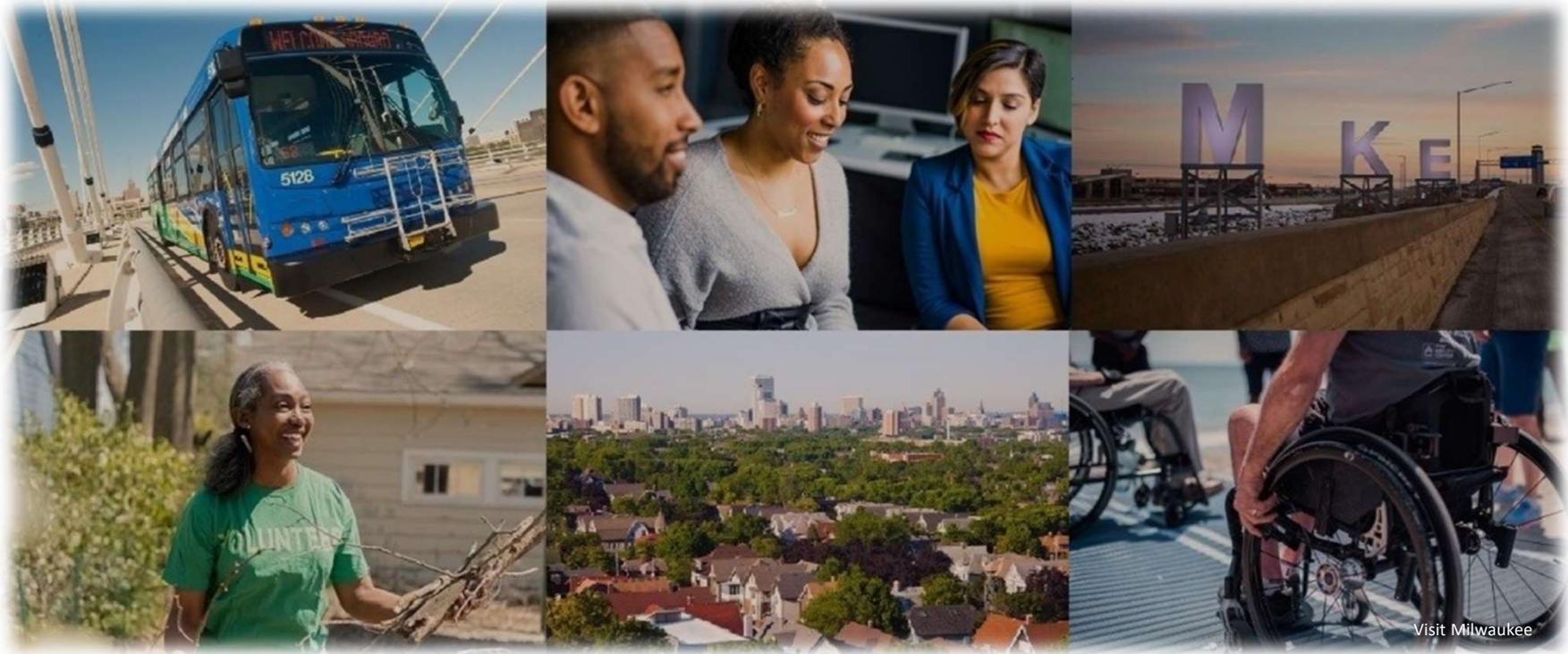
---

## **In-depth meetings w/ county leaders to:**

- Discuss dept's goals, needs & challenges
- Identify climate action & facilities strategies that support dept's plans & priorities.

## **Tentative schedule:**

- OE (Feb. 2)
- CRC (Feb. 16)
- MCDOT – Transit & Fleet (Feb. 20)
- FMD (Feb. 23)
- DHHS (Feb. 29)
- Zoo (March 1)
- Airport (March 8)
- OEM (March 11)
- SBP (March 22)
- Parks (April 4)



# CA50 PLAN ORGANIZATION

---

# CA50 Guiding Principles

## 1. Create Intentional Inclusion

1a: Identify and involve Milwaukee County stakeholders and partners in each phase of the plan.

1b: Increase involvement of minority and women-owned businesses with plan implementation.

## 2. Bridge Gap

2a: Identify health disparities caused by climate change and prioritize actions that will positively impact health outcomes.

Source: [CA50 Framework](#) (2021)

## 3. Invest in Equity

3a: Align actions with Milwaukee County's mission, priorities, and core functions.

3b: Prioritize actions that will provide green education and jobs for underserved communities.

3c: Improve ability of vulnerable communities to adapt to climate change.

# Proposed Plan Outline



Vision

Mission & Goals

Focus Areas

Strategies

Action Plans



# Vision, Mission & Goals

---

**Vision:** Milwaukee County will achieve net zero carbon emissions while advancing equity, justice & resilience.

**Mission:** Provide roadmap for County to:

- Achieve carbon neutral county operations by 2050;
- Improve resiliency to climate change; and
- Align climate actions w/ County's Vision.

Source: [CA50 Framework](#) (2021)

# Example Focus Areas

---

- Buildings & Facilities
- Vehicles & Equipment
- Resiliency & Adaptation
- Community Partnerships
- Policies & Measurement

**Group Discussion:**  
Edits or additions  
for this list?

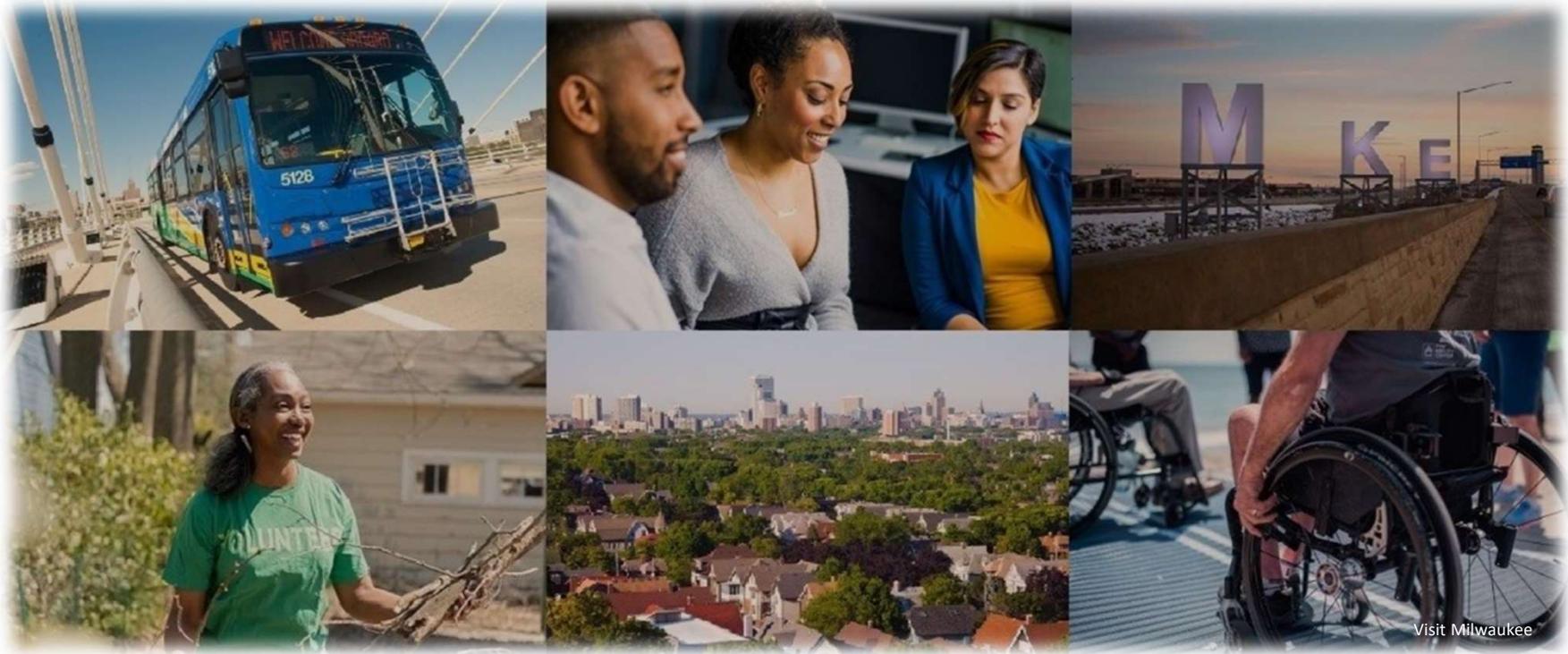


# Strategy Action Plans

Strategy	Emissions Reduced (tons/yr)	Co-Benefits	Cost	Lead	Partner (s)	Gap (s)	Timeframe

**Cost:** estimate of incremental cost (range); \$-\$\$\$\$

**Timeframe:** 'ongoing', 'short', 'medium', or 'long'

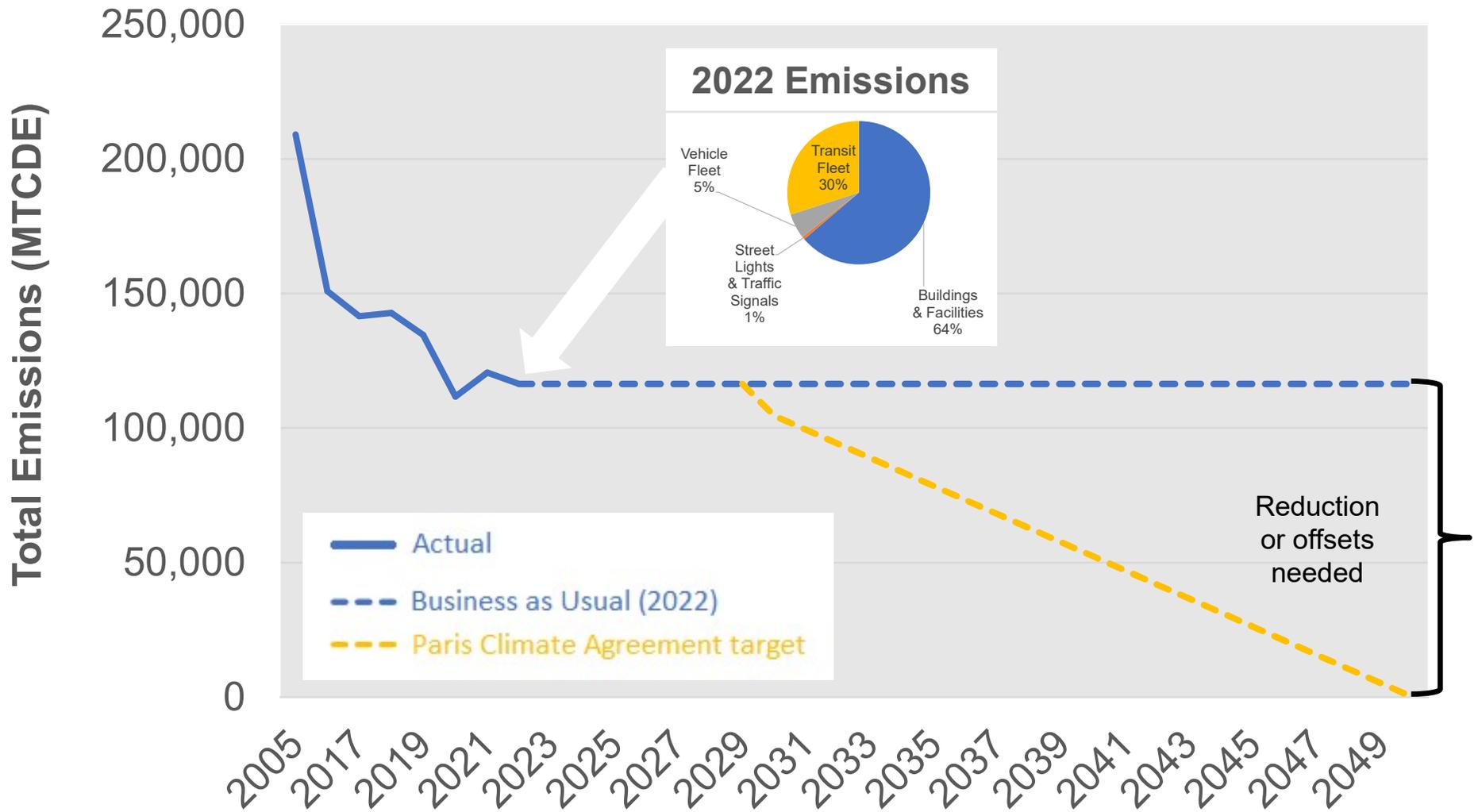


Milwaukee County CA50 Plan

# STRATEGY DEVELOPMENT

---

# Addressing County Emissions





# Example Emissions Reduction Strategies (Energetics)

**Buildings/  
Facilities**  
#1-10

1. Electrification strategy
2. Solar PV installations
3. Deep lake water cooling\*
4. Energy performance standards
5. Weatherization upgrades
6. ENERGY STAR appliances
7. LED lighting
8. Optimize building operations
9. Refrigerant management plan\*
10. Methane leak repair\*

**Fleets**  
#11-16

11. Electrification strategy
12. EV charger installations
13. Battery electric buses
14. Vehicle idling reduction
15. Use alternative fuels
16. Optimize vehicle maintenance

**Street  
Infra-  
structure**  
#17-24

17. LED streetlights\*
18. Streetlight sensors\*
19. Lower carbon concrete\*
20. Active transportation office
21. Expand bus rapid transit corridors
22. Expand bike-ped network
23. Optimize traffic signals\*
24. Optimize highway maintenance

\* Implemented or out of scope

## Group Discussion:



How to brainstorm & add strategies for *each* Focus Area?



How to prioritize & finalize list of recommended strategies?