



# Climate Action 2050 Plan Updates

*Committee on Community, Environment  
& Economic Development*

December 11, 2023

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

**SUBMITTED 12/8/23**





Milwaukee County CA50 Plan

# PROJECT BACKGROUND

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# Climate Policy & Reports

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- File 21-389: Resolution committing Milwaukee County to achieving carbon neutrality by 2050.
- File 21-770: Informational Report providing climate action planning framework ('plan for the plan').
- File 23-529: Informational Report providing Climate Action 2050 (CA50) plan updates.
- File 23-741: Informational Report suggesting climate action component for capital project scoring.



# CA50 Vision



“Achieve net zero emissions while advancing equity, justice, and community resilience”

CA50 Framework ([File 21-770](#))

# CA50 Plan 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 the Gap

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

Source: *CA50 Framework*  
([File 21-770](#))

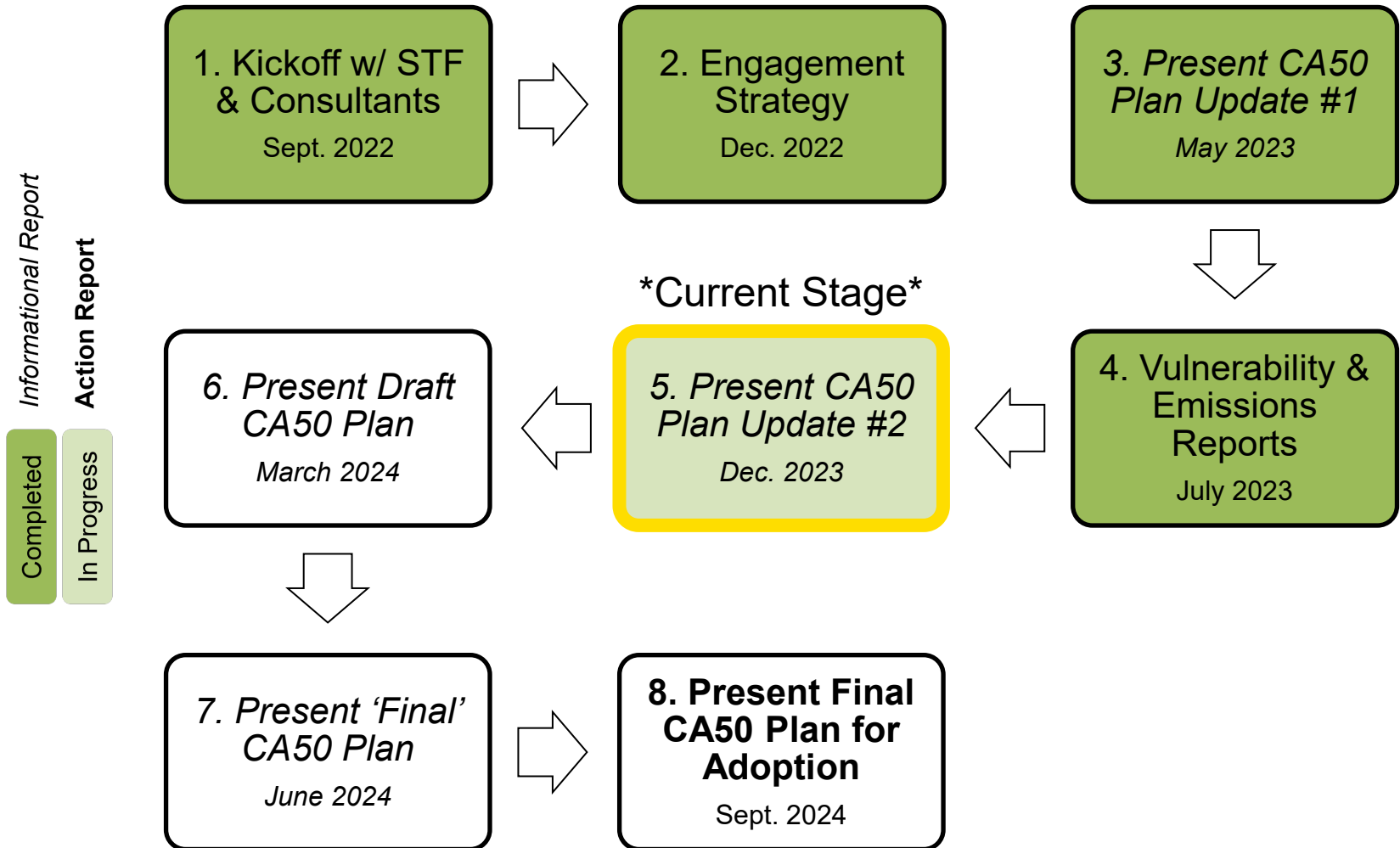
## 3. Invest in Equity

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.

# CA50 Plan Timeline





Milwaukee County CA50 Plan

# PROJECT UPDATES

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# CA50 Plan Activities

- 1. Stakeholder Engagement**
2. Research & Analysis
3. Strategy Development
4. Plan Development & Adoption



# Engagement to Date

- Climate vulnerability survey - Winter 2022/23
- Community workshops - May 2023
- Community & County employee webinars - Sept. 2023
- Presentations to Youth Council, ADRC, others (see *Attachment 1*)



**MILWAUKEE COUNTY**

**Community Webinar**  
**Climate Action 2050 Plan**

Milwaukee County is developing a **bold plan** to achieve carbon neutral operations (zero net emissions) by 2050.

Join the Office of Sustainability at this one-hour, informational webinar to learn how:

- Climate change is impacting Milwaukee County
- County operations contribute to climate change
- You can help shape the County's climate action plan

September 28, 2023  
5:30-6:30 pm  
[Join Zoom Meeting](#)

Google Calendar Invite



Call-In Option (audio only):  
+1 301-715-8592,  
Conf ID: 857 5734 7227

**CONTACT US**

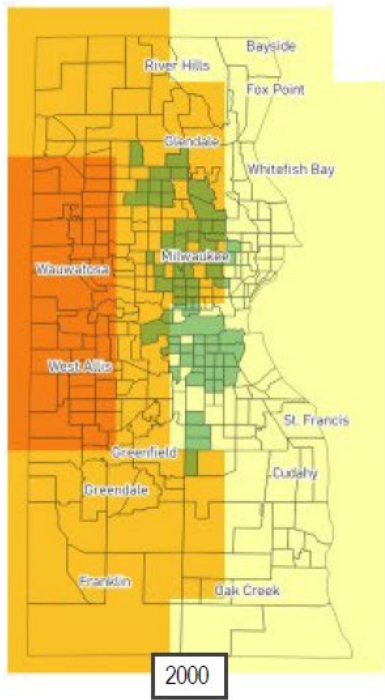
Link to Webinar: <https://us02web.zoom.us/j/85757347227>

# CA50 Plan Activities

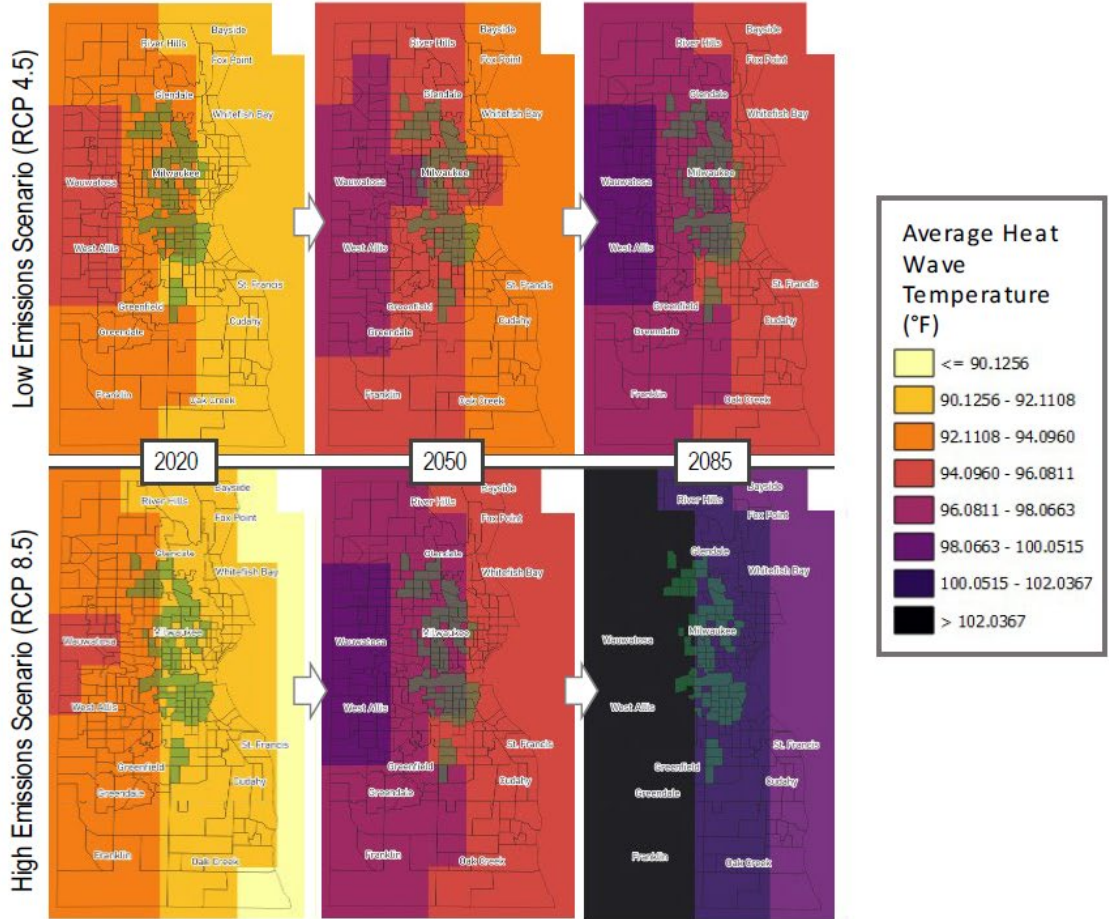
1. Stakeholder Engagement
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# Climate Vulnerability Assessment

Average Heat Wave Temperature (°F)



Derived from MACA-downscaled GCM projections for Milwaukee County. Sources and methods in forthcoming Milwaukee County CA50 Plan.





# Community Vulnerability

- Under ‘high’ emissions scenario, Milwaukee County climate may be like Saint Louis’ by 2100.
- With climate change, county residents & businesses may increasingly face:
  - Heat waves
  - Flooding
  - Poor air quality
- Disproportionate impacts on communities w/ high social vulnerability.



# Infrastructure Vulnerability

- **Air Quality & Heat Waves:** Greatest impacts on county properties w/ high % of impermeable surface and limited/no trees or open space.
- **Flooding:** Kletszch Park and Lincoln Park may be at elevated risk of flooding during 100-year & 500-year storms.
- Increasing resilience to climate change is necessary regardless of County's emissions.

# Emissions Assessment

- Evaluated emissions under Milwaukee County's control.
- Generally confirmed previous emissions inventories, w/ some minor improvements.
- Provided tool for forecasting future emissions.

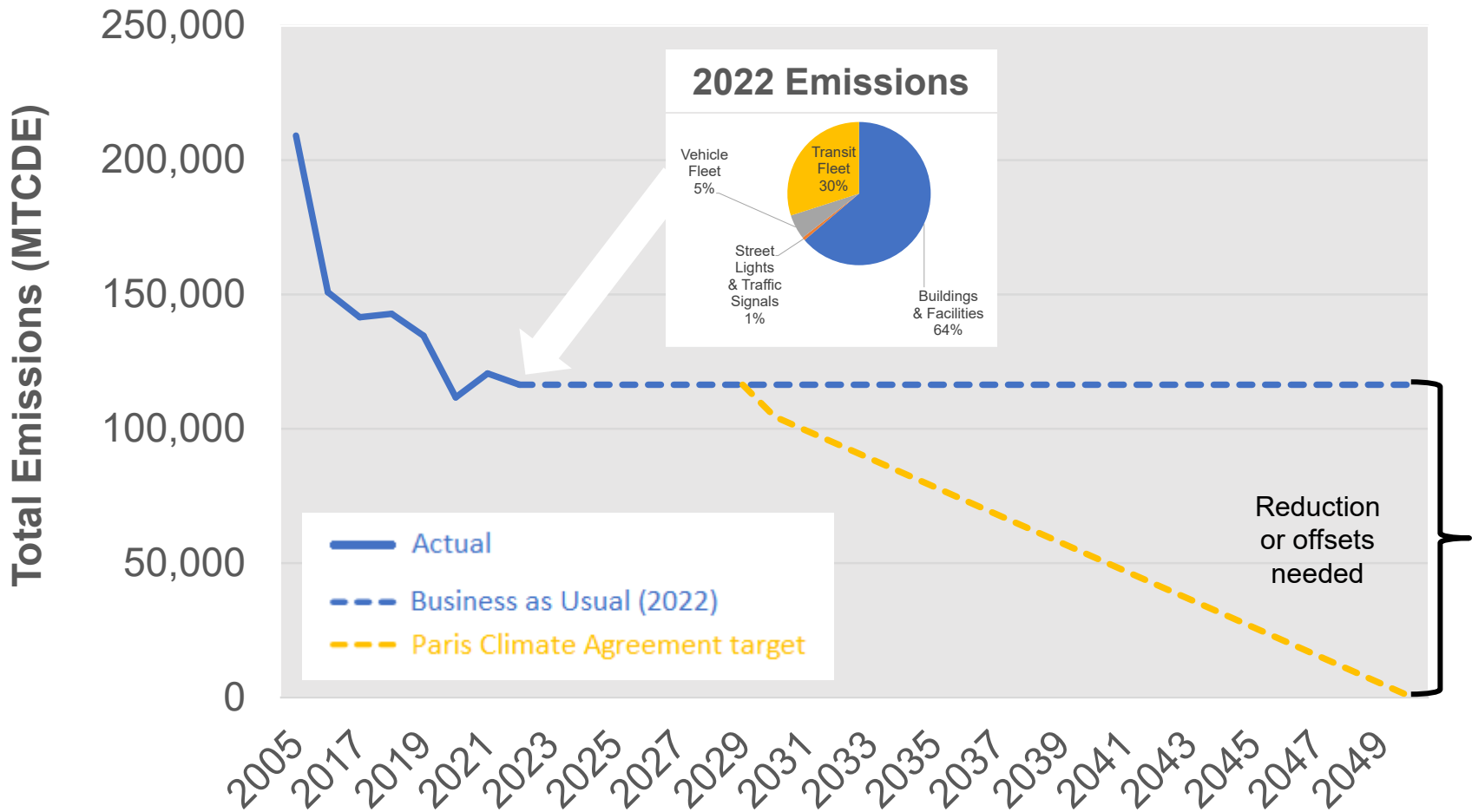


MCTS



Visit Milwaukee

# County Operational Emissions



# CA50 Plan Activities

1. Stakeholder Engagement
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- 3. Strategy Development**
4. Plan Development & Adoption





# Strategies List (in progress)

| Sector                     | Strategy | Emissions Reduction (tons/\$) | Co-Benefits | Lead Agency | Timeline |
|----------------------------|----------|-------------------------------|-------------|-------------|----------|
| Buildings/Facilities       |          |                               |             |             |          |
| Fleet Vehicles & Equipment |          |                               |             |             |          |
| Airport Operations         |          |                               |             |             |          |
| Other                      |          |                               |             |             |          |

- Sustainability Task Force and consultants identifying & evaluating potential strategies.
- Anticipate publishing draft list by January 2024.

# CA50 Plan Activities

1. Stakeholder Engagement
2. Research & Analysis
3. Strategy Development
4. **Plan Development & Adoption**



## Next Steps (in progress)

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- Develop & refine CA50 strategies.
- Present Draft CA50 Plan in March 2024.
- Engage stakeholders, incorporate feedback.
- Present 'Final' CA50 Plan in June 2024.
- Additional stakeholder engagement.
- **Present final plan for adoption in Sept. 2024.**

# Share Your Voice

- Sustainability Task Force:
  - Meetings always open to public.
  - Agendas and documents on CLIC.
- Standing Survey for county residents to share how climate change impacts them.
- Email [sustainability@milwaukeecountywi.gov](mailto:sustainability@milwaukeecountywi.gov)