

# Climate Action 2050 Plan

## Project Update

**County Facilities Planning Steering Committee**

September 22, 2022

Presented by:

Gordie Bennett, Sustainability Director



# Project Background

- Paris Climate Commitment ([File 17-506](#))
- Carbon neutrality policy ([File 21-389](#))
- Climate action planning framework ([File 21-770](#))
- ARPA funding awarded March 2022
- Project kickoff September 1, 2022

# Project Purpose

Deliver roadmap ('CA50 Plan') for Milwaukee County to:

1. Achieve carbon neutral operations no later than 2050
2. Enhance operational & community resiliency
3. Align climate action w/ Vision & Strategic Plan

# Guiding Principles

- Prioritize actions that provide co-benefits for vulnerable populations and align w/ County's MVVs & core functions
- Leverage existing plans, initiatives & resources to build shared commitment to climate action
- Involve underrepresented groups w/ plan development & implementation

# Project Stakeholders (full list TBD)

## Elected Officials

County Exec.

County Board

Other Officials

## Departments

Administrators

Staff

Sustainability  
Task Force

## Community

Residents

Tenants

CCTFCEE

Others



# Project Consultant

- Est. 1979, HQ in Columbia, MD
- Expertise and services:
  - Emissions mitigation & climate resilience
  - Sustainable transportation solutions
  - Advanced manufacturing
  - Building energy efficiency & sustainability
- Clients: DOE, DHS, NIST, Cities of Santa Barbara & Appleton

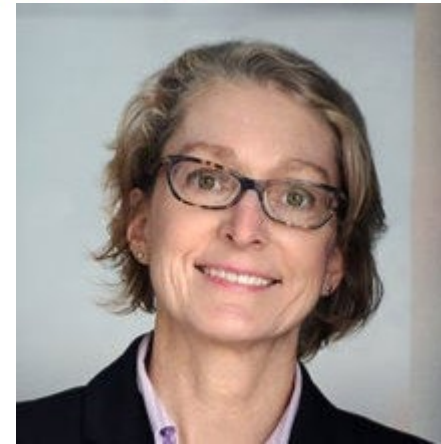


# Project Sub-Consultants



Linda Reid, JD, ENV SP

Stakeholder Engagement &  
Climate Resilience Planning



Audrey L. Van Dyke

Stakeholder Engagement &  
Emissions Inventory



# Project Tasks

1. Kickoff Meeting & Project Setup
2. Engagement Plan & Initial Meetings
3. Vulnerability Assessment
4. Emissions Assessment
5. Climate Action Objectives & Goals
6. Climate Action Strategies
7. Implementation & Monitoring Pgm
8. Climate Action 2050 Plan



# Vulnerability Assessment (VA)

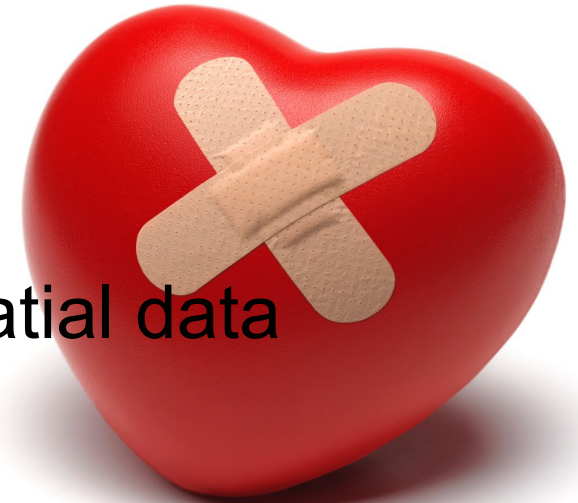
- Vulnerability = Hazard + Exposure
- Identify and evaluate hazards:
  - Climate parameters, including temperature, precipitation, and storms – quantitative projections
  - Climate-driven extreme weather, including wildfires, floods, and air quality – qualitative/trend analysis, some hazard models

# VA: Exposures

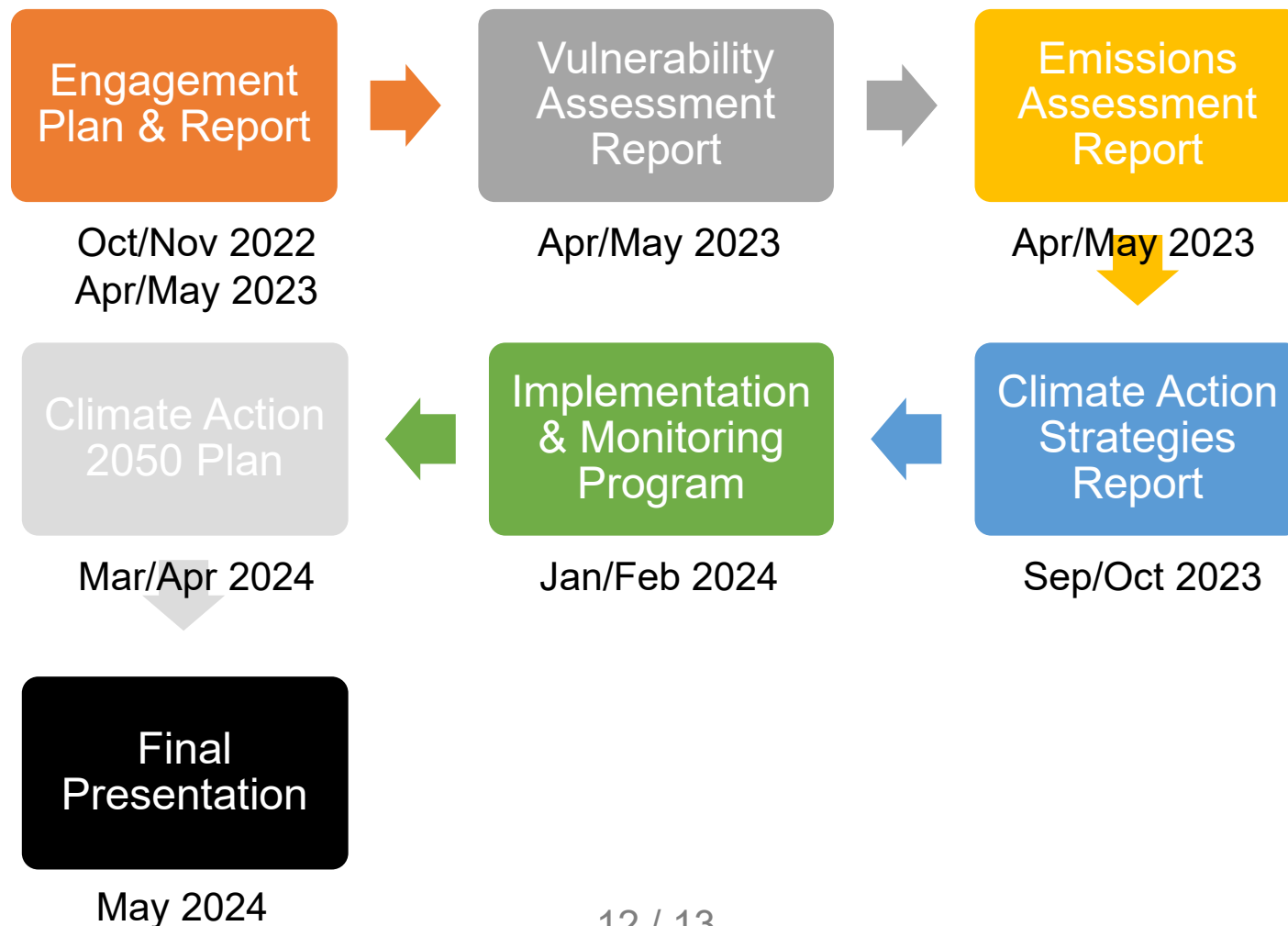
- Infrastructure: Roads, substations, water treatment plants, etc.
- Essential services: Govt. buildings, bus routes, hospitals, etc.
- Environment: Ecosystems, hydrology & water availability, etc.
- Populations: Public health, migration
- Economy: Tourism

# VA: Disparate Impacts

- Special focus on disparate impacts, including:
  - Differences in geographic distribution of climate hazard
  - Differences in population adaptive capacity due to:
    - Limited access to services
    - Greater population vulnerability
- Quantitative analysis of demographic & geospatial data
- Qualitative analysis using community outreach



# Project Deliverables (Next Steps)







**MILWAUKEE  
COUNTY**