

Comprehensive Climate Action Plan

Update to the Water and
Environment Subcommittee

March 13 2024



Contents

Comprehensive Climate Action Plan (CCAP) Process

Data Collection

CCAP Engagement Process



Housekeeping

Use the Zoom chat at any time ask questions or make comments.

Raise hand to speak during feedback period.



CCAP

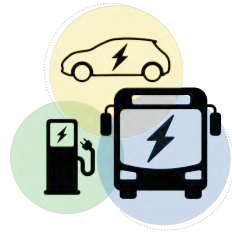
Process Overview

SSG

Objectives and Deliverables

- ❑ Will construct a model of the Miami Valley
- ❑ Evaluate the GHG impacts of actions
- ❑ Financial analysis and implementation mechanisms
- ❑ Extensive engagement process

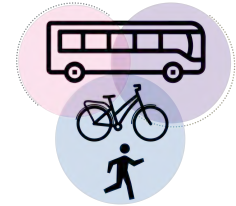
Action Areas



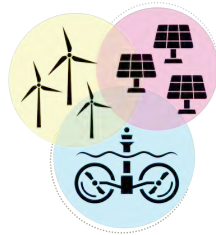
Zero emission vehicles



Zero emission buildings



Transit and active transportation



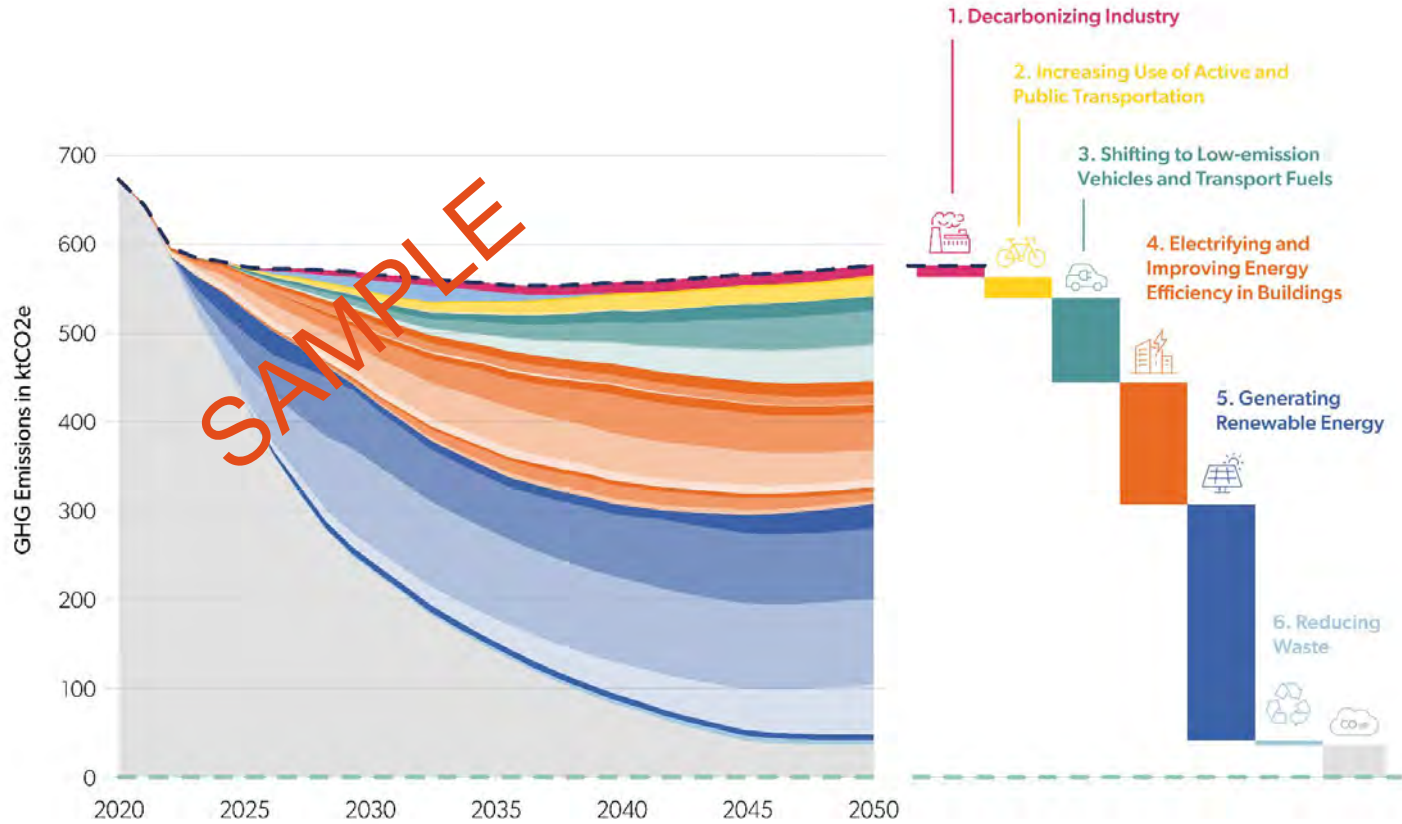
Energy generation



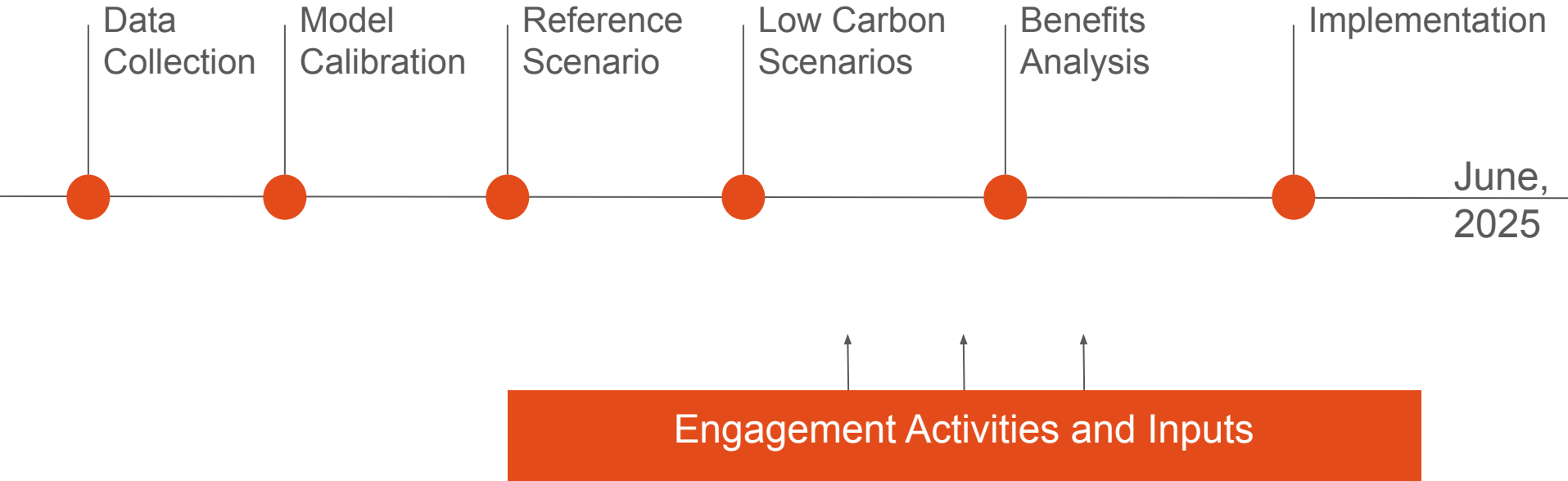
Industry



Buildings and development



CCAP Process



Pause for Feedback

What questions or comments do you have?

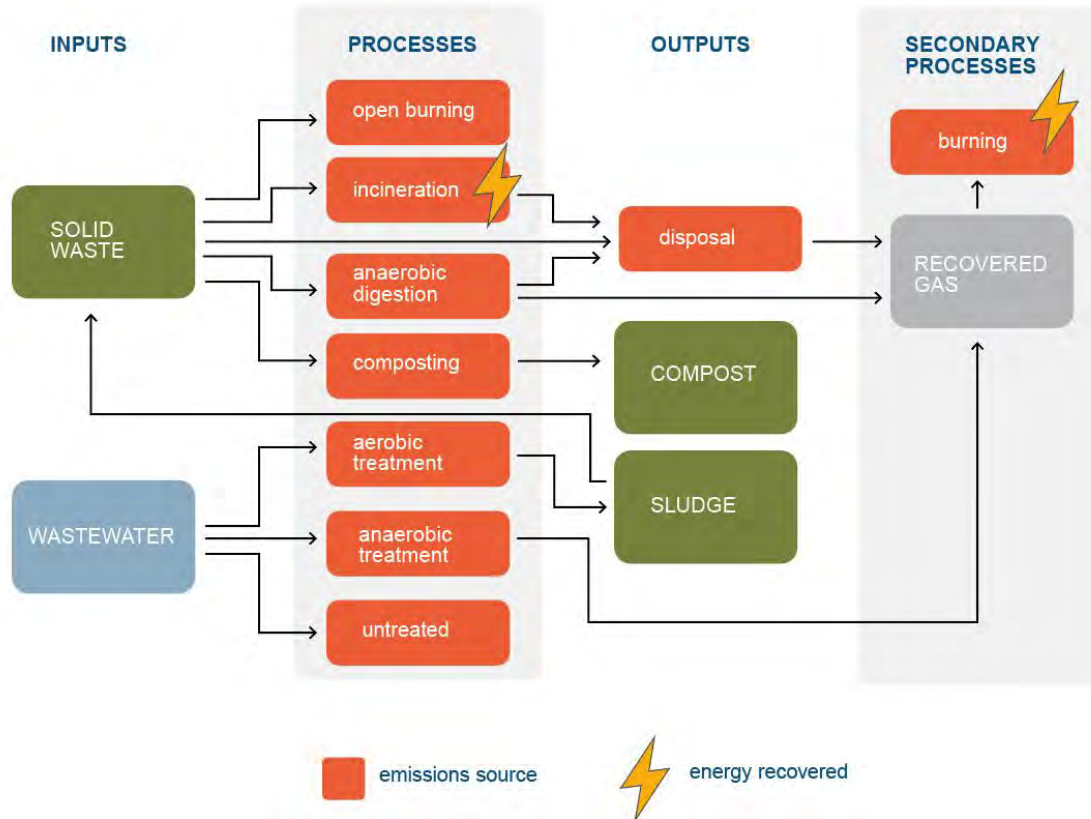
- Use the Zoom chat.
- Raise your hand to speak.



CCAP Data

SSG

Waste Sub-model



Data

Wastewater characteristics

- Biochemical oxygen demand concentration
- Total nitrogen concentration

Wastewater treatment characteristics

- Effluent volume
- Central vs septic shares
- Sludge generated
- Methane recovery
- Fuel use

Sanitary sewer collection characteristics

- Electricity use

Pause for Feedback

What questions and clarifications do you have?

- Use the Zoom chat.
- Raise your hand to speak.



CCAP

Engagement Process

SSG

Pre-Engagement Findings

- Likely limited organizational relationships and/or misaligned priorities.
- Climate action planning isn't considered a top priority.
- Many climate change-related conditions aren't formally measured and tracked and therefore go under/unreported.
- Minimal understanding of how climate change is linked to other conditions (e.g., personal health, community conditions).
- Community perceives that governments and organizations have limited access to and influence in communities.

Engagement Phases

Phase 1: May - August 2024

Increase awareness of climate change **relevance** and **current** climate pollution emissions.

Gather input to inform low-emission scenario development.

Phase 2: January - March 2025

Increase awareness of climate action and the **benefits of reducing** climate pollution emissions.

Gather input to inform action implementation planning.

Strategic Approach



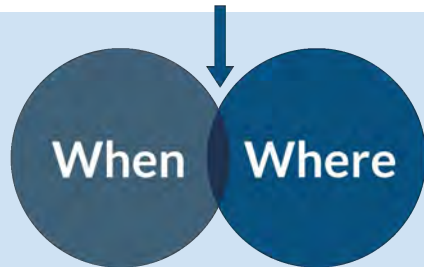
What: the issue, call to action, and the audiences' priorities

Who: the audience (i.e., primary, secondary, tertiary) or population

Why: goals and objectives



How: strategies and tactics



When: timeline

Where: location/setting

IAP2 Spectrum of Participation

This engagement process will:

- Inform the general public
- Involve diverse community members
- Collaborate with partners for outreach



Engagement Objectives

- Increase awareness of PCAP and CCAP processes, activities, and outcomes
- Build partnerships and align with goals of the community
- Create opportunities for the community to influence decision making
- Deliberatively reach communities through tailored outreach and messaging
- Leverage technology and media for omnichannel communications, outreach, and engagement

Meaningful Metrics for Engagement

Examples:

- Number of community activities held
- Number of community meeting presentations
- Frequency of communications to the community
- Number of commitments made to the community vs number of commitments completed
- Demographic representation that reflects the neighborhood

WESC Engagement

- Collaboration in outreach engagement
- Updates at WESC meetings on key project milestones, including:
 - Launch of engagement
 - Current emissions and business as planned scenario
 - Engagement findings
 - Low-carbon pathway
- Action planning workshop for low-emission scenario (early 2025)

Pause for Feedback

What questions or comments do you have?

How would you like to be involved?

- Use the Zoom chat.
- Raise your hand to speak.



THANK YOU

Vist www.mvrpc.org for more information and to submit comments.

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