



Regional Environment & Economic Development

MVAFN Meeting February 14, 2024



MIAMI VALLEY

Regional Planning Commission

Celebrating 60 Years | 1964-2024



Miami Valley Age-Friendly Network



Del Mar Encore
Fellows Initiative



Coalition of Age-Friendly Communities of Ohio

Akron

Joined: 2019
Population: 190,347

Athens County

Joined: 2020
Population: 62,056

Bellbrook

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(Montgomery County)
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Worthington

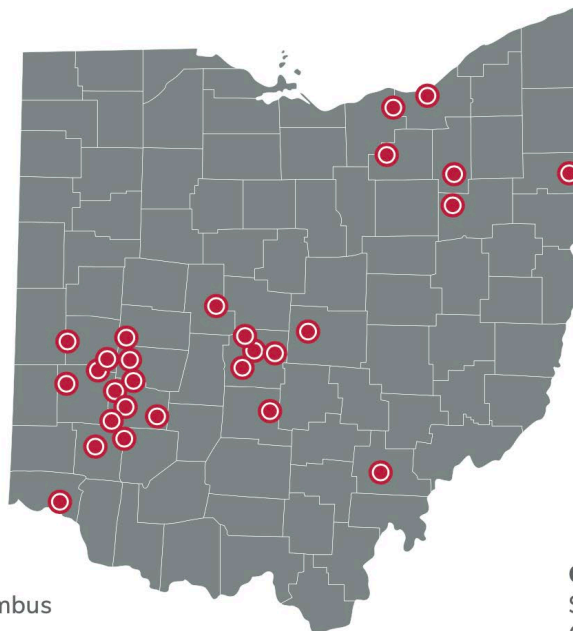
Joined: 2020
Population: 14,564

Xenia

Joined: 2022
Population: 25,463

Yellow Springs

Joined: 2019
Population: 3,750



Co-Chair

Marisa Sheldon, Columbus
and Franklin County
sheldon.127@osu.edu

Co-Chair

Susan Sigmon, Akron, Stark
County, and Stark County
ssigmon@dhad.org





AGE-FRIENDLY INNOVATION CENTER



World Health
Organization



What is an Age-Friendly Community?

The World Health Organization's (WHO) Global Network for Age-Friendly Cities and Communities was established to help cities across the globe prepare for the rapid increase in the aging population through collaboration. This network fosters the exchange of experiences and mutual learning between cities and communities worldwide as they work towards the common goal of creating better places to live and age. AARP was designated as the US affiliate and created the Livable Communities Network to support the efforts of neighborhoods, towns, cities, and rural areas to become great places for all people. Together, these organizations support the international effort toward making a more age-friendly world.



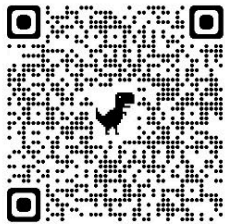


AGE-FRIENDLY INNOVATION CENTER

TECHNICAL ASSISTANCE PROGRAM

What is Technical Assistance Program (TAP)?

With the support of the HealthPath Foundation of Ohio, TAP is a first-of-its-kind initiative to increase the number of and support to Ohio Communities working toward age-friendly goals. It expands the WHO's and AARP Livable Communities' Age-Friendly framework across the state by engaging older adults as experts in creating innovative, evidence-based solutions to make Ohio a better place to live for people of all ages and abilities.



Age-Friendly Certificate Program

The Age-Friendly Innovation Center (AFIC) at The Ohio State University College of Social Work has partnered with local and national experts to create an online training that provides the opportunity for participants to earn a Certificate in Age-Friendly Communities. Earning this certificate will demonstrate competency in the foundational tenets of creating an age-friendly community.



Age-Friendly Office Hours

AFIC at the Ohio State University College of Social Work hosts monthly office hours to provide support for age-friendly communities in Ohio. New or currently enrolled age-friendly communities are welcome to join us for this question-and-answer session.





Miami Valley Age-Friendly Network

SAVE THE DATE

March 14 – 10:00am to 11:30am

OFFICE HOURS with Nicole Ware, AARP Ohio

Location: The Dayton Foundation

March 19 – 10:00am to 11:30am

OFFICE HOURS with Tim Bete, St. Mary Development Corporation

Location: The Dayton Foundation

May 8th – 8:30am to 11:30am

Miami Valley Age-Friendly Summit

Keynote (Civic Participation & Employment) by Joe Morgan & Housing Panel

Location: TDA

August 14 – 10:00am to 11:30am

Miami Valley Age-Friendly Network Quarterly Online Meeting

Emergency Preparedness & Resiliency for Age-Friendly Communities

Location: Zoom





5 episodes

Topics will focus on a wide ranging areas that address all kinds on useful points about how Dayton and surrounding areas can become more age-friendly communities. This podcast is designed for 55+ individuals, and communities leaders [a more](#)

Age-Friendly Dayton

Donna Kastner

Society & Culture

[Listen on Apple Podcasts ↗](#)



JAN 29, 2024

Age-Friendly Dayton S1E5 - Featuring Ellen Sizer, Planner for City of... >

While the phrase "age-friendly" summons visions of retired people in rocking chairs, aging is more dynamic impacting all generations. Terry and Donna explore a few examples. Then Ellen Sizer shares more about how a talented team of University of Dayton students are enriching Dayton's age-friendl...

[▶ PLAY](#) 29 min

JAN 4, 2024

Age-Friendly Dayton: S1E3 Featuring Kate Bostdorff, Age-Friendly... >

Explore why aging initiatives are getting more attention today and how our age top-heavy population will intensify for decades. Then Kate Bostdorff shares more about the remarkable initiatives she's advancing for Centerville, Ohio.

[▶ PLAY](#) 24 min

JAN 4, 2024

Age-Friendly Dayton: S1 E4 - Featuring Joni Watson, Brunner Literacy... >

Volunteerism has dipped, but modern elders (age 60+) continue to be part of a magnificent rebound.





Miami County

Age-Friendly Champion:
Dan Suerdieck, Planning & Zoning Manager

Project Scope: Action Plan development & implementation



Village of Yellow Springs

Age-Friendly Champions:
Toni Dosik, Caroline Mullin/ED – Senior Center

Project Scope: Improve walkability and health in Yellow Springs





Harrison Township

Age-Friendly Champions:

Tyler Hauck/Planner, Georgeann Godsey/Township Trustee

Project Scope: Develop Park Master Plan for Sinclair Park

City of Centerville



CITY OF
Centerville
OHIO

Age-Friendly Champion:

Kate Bostdorff, Communications Director

Project Scope: Centerville Event Accessibility Vehicle



Miami Valley Age-Friendly Network
presents

Exploring How Environment & Climate Impact Healthy Aging

February 14, 2024 Online Quarterly Meeting
(10:00am to 11:30am)



Holly Dabelko-Schoeny, PhD
Professor, The Ohio State University, College
of Social Work; Director of Research,
Age-Friendly Innovation Center



Geoff Dabelko
Professor, Voinovich School of
Leadership and Public Service,
Ohio University



Matt Lindsay
Manager of Environmental Planning
Miami Valley Regional
Planning Commission





Building Age-Friendly and Climate Resilient Communities

Geoff Dabelko

Voinovich School of Leadership & Public Service
Ohio University

Holly Dabelko-Schoeny

College of Social Work and Age-Friendly Innovation
Center

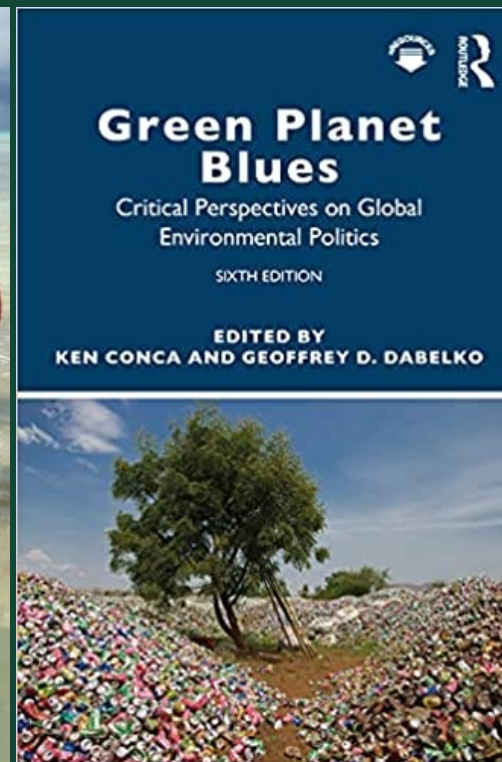
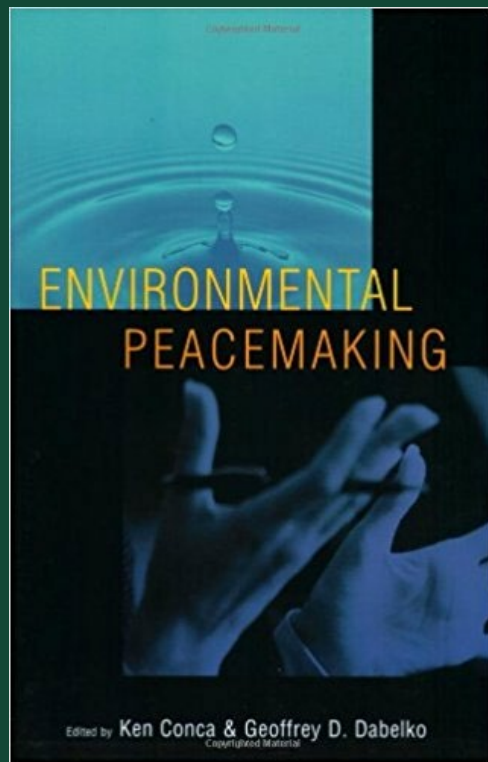
Ohio State University



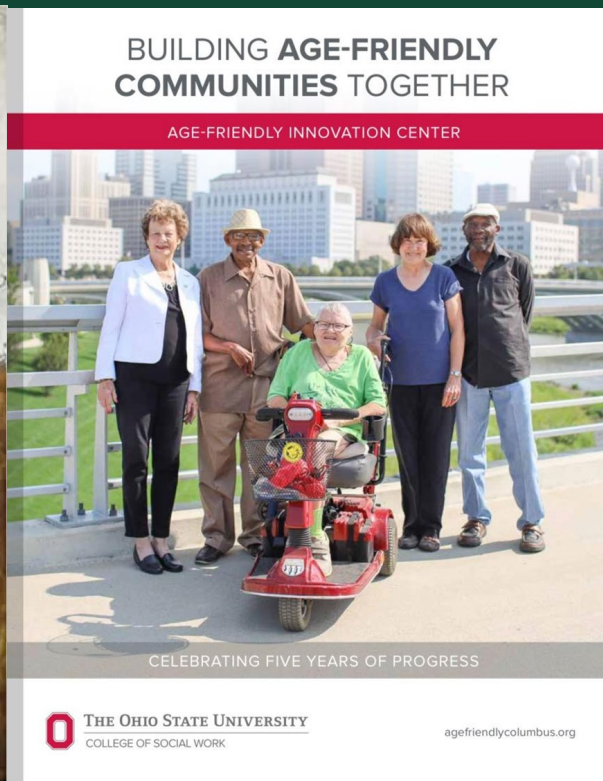
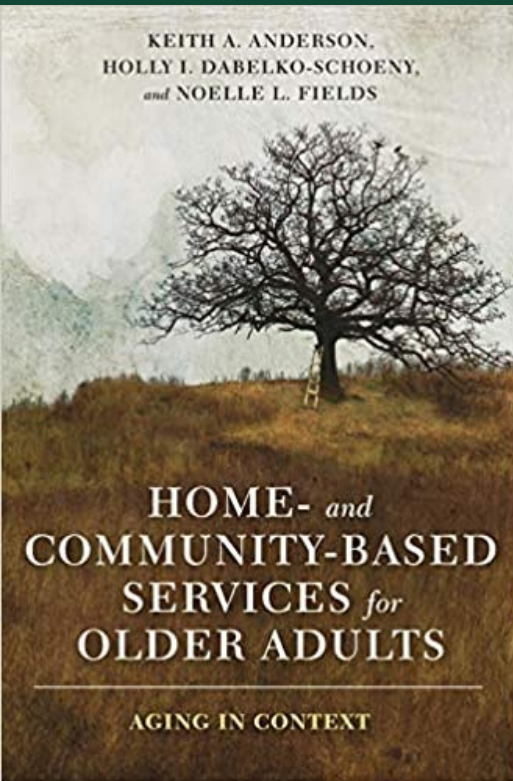
OVERVIEW

1. Development of the Grey Green Alliance
2. Aging in a Warmer World
3. Ideas for Action
4. CAFCO Sustainability and Climate Resilience Interest Group

Environment, Climate, and Sustainability

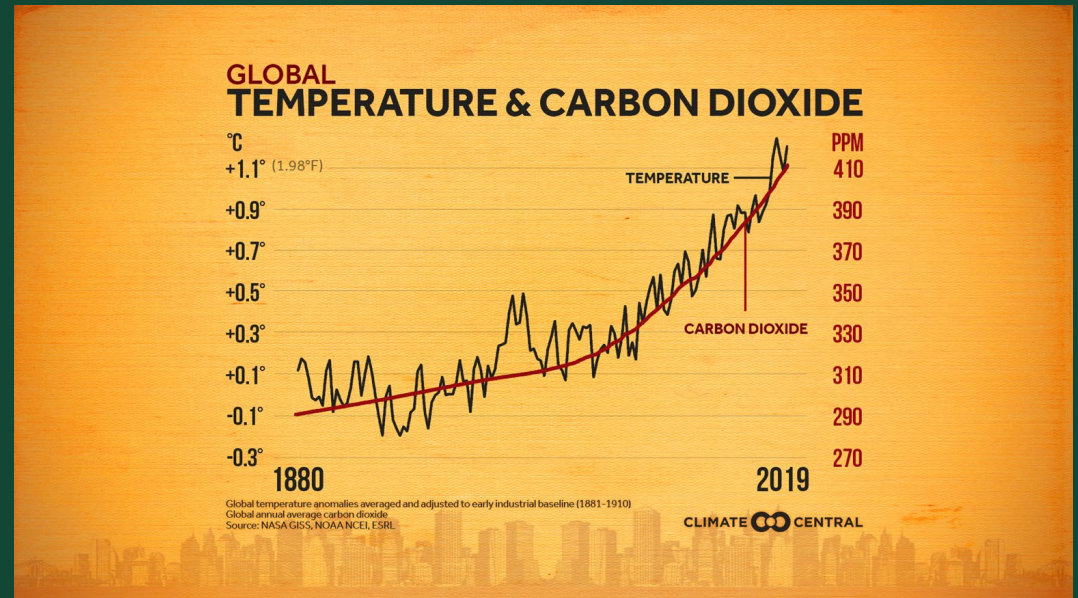


Aging, Gerontology, and Age-Friendly Communities



World is aging and warming
Growth in number of older adults

Climate change



Playing in the Same Sandbox...But Not Together



An Unexpected Collaboration Was Born



What will a warmer world mean for older adults?

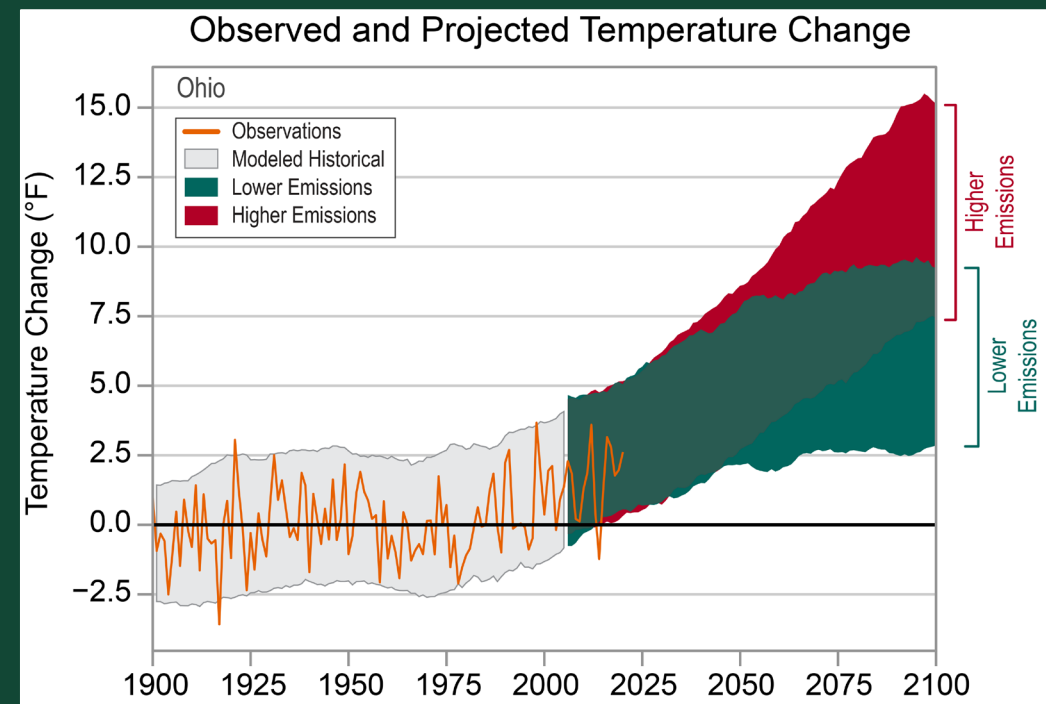


Challenges from Change: Temperatures in Ohio

Since the beginning of 20th century, temperatures in OH have risen more than 1.5F or .83C

Since 2000, Cleveland and Columbus averaged 17 and 22 warm nights (70F or 21C or higher) a year as compared to 8 and 9 nights from 1950-1970.

Source: National Oceanic and Atmospheric Administration National Centers for Environmental Information Ohio Report



Challenges from Change –Temperatures

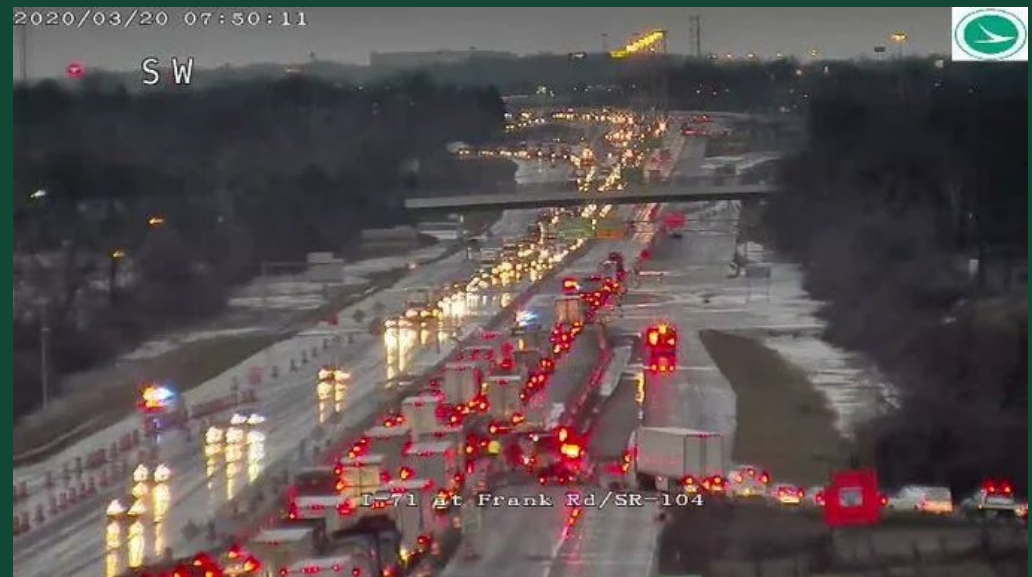
- **Warmer temperatures mean:**

- Greater threat of more frequent and severe harmful algal blooms in Lake Erie and Ohio River – health, recreation, and economic impacts
- Increased heat-related health threats
- High March temperatures followed by April freezes threatening crops
- Increased summer droughts (even when increased precipitation) with loss of soil moisture



Challenges from Change: Precipitation in Ohio

- Ohio experienced a significant increases in the number of extreme precipitation events since mid-1990s.
- Increased flooding events by frequency and time of year
- Increased damage to property & economic infrastructure
- Increased health threats from overwhelmed aging water infrastructure
- Increased disruptions for accessing essential services



Past not necessarily good predictor of the future in a warmer world

Lessons from Climate Science

- Uncharted territory
- Rapid rate of change
- “Unimaginable extremes”
- Implications for day to day
- Implications for emergencies



Extreme Weather Events and Older Adults

- Power outages impact utilization of medical equipment and medicines required to be cold
- Heat-related illness and mortality
- Disruption of services
- Mobility and transportation limitations
- Social isolation and risk
- Poor air quality associated with dementia and negative health outcomes

Ideas for Action

Innovating within the Age- Friendly Community Approach

1. Outdoor Spaces & Public Places
2. Transportation
3. Housing
4. Social Participation
5. Respect & Social Inclusion
6. Work & Civic Engagement
7. Communication & Information
8. Community & Health Services

Added an additional domain:

- **Sustainability & Climate Resilience***

*New domain unique to Age-Friendly Athens County





THE GERONTOLOGIST®

JOURNAL ARTICLE ACCEPTED MANUSCRIPT

Age-Friendly and Climate Resilient Communities: A Grey Green Alliance [Get access >](#)

Holly Dabelko-Schoeny, PhD ✉, Geoffrey D Dabelko, PhD, Smitha Rao, PhD,
Melissa Damico, MS, Fiona C Doherty, MSW, Anthony C Traver, MSW,
Marisa Sheldon, MSW, LISW-S

The Gerontologist, gnad137, <https://doi.org/10.1093/geront/gnad137>

Published: 06 October 2023 **Article history** ▼



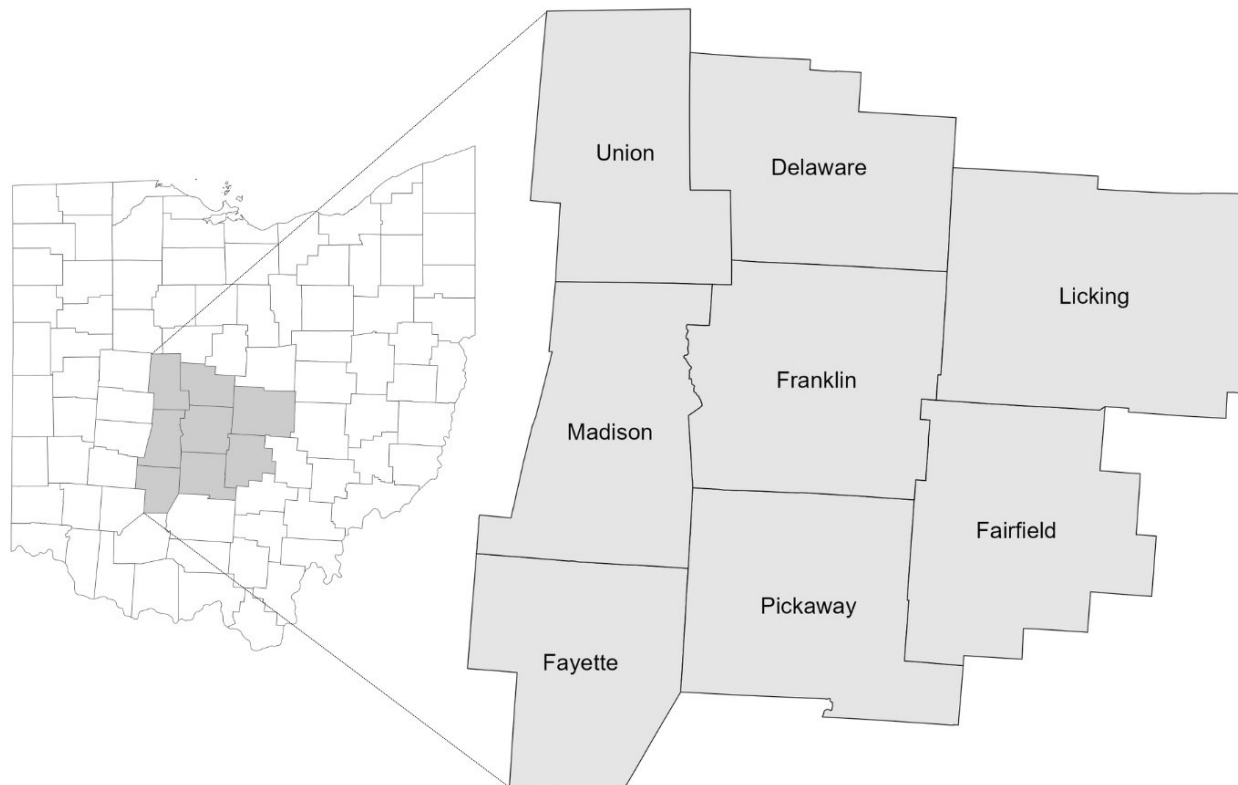


A review of sustainability
and emergency
management plans for
Athens, Ohio

Melissa Damico
Voinovich Scholar,
Ohio University

Report Name	System Boundary	Adaptations for vulnerable populations	Identifies older adults as a vulnerable population	Adaptations that will impact older adults	Opportunities to include older adults
Athens County Sustainability Roadmap	Athens County	X	X	X	X
OhioHealth O’Bleness Hospital Sustainability Plan	O’Bleness Hospital			X	X
Ohio University Sustainability Plan	Ohio University	X			X
Ohio University Climate Action Plan	Ohio University				X
Athens Sustainability Action Plan	Athens City	X		X	X
Village of Amesville Sustainability Roadmap	Village of Amesville	X		X	X
Local Hazard Mitigation Plan Athens Ohio	Athens County	X	X	X	X
Natural Hazard Mitigation Plan for the City of Athens	Athens City		X	X	X

Central Ohio Assessment on Aging (CORAA)



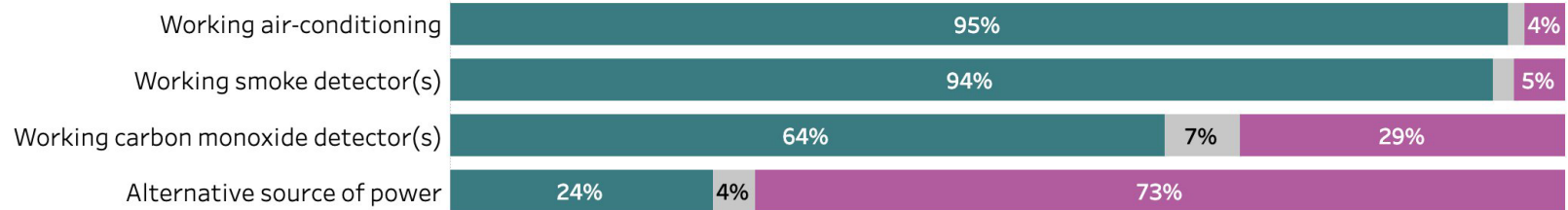
Surveys were mailed to a representative sample of adults aged 50 and older living in 8 counties in Central Ohio resulting in a 15% response rate and 2.7% margin of error at 95% confidence.

Based on FEMA guidelines , do you have a 3-day supply of emergency supplies, food, and medicine?



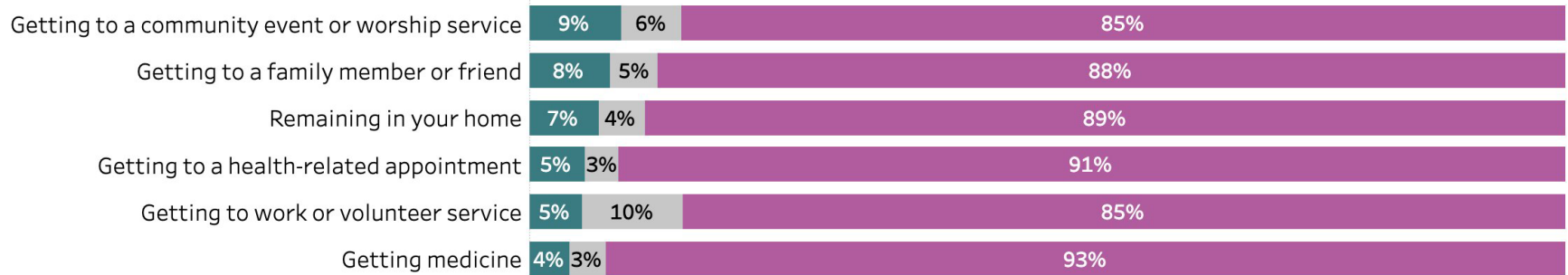
Do you have the following items in your home?

Yes Don't Know No

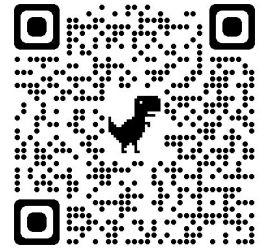


Have weather events like extreme heat, power outages, or flooding prevented you from any of the following?

Yes Don't Know No



Has extreme weather prevented the following?



Yes
 Don't Know
 No

Remain in Home



Attend Health Appointment

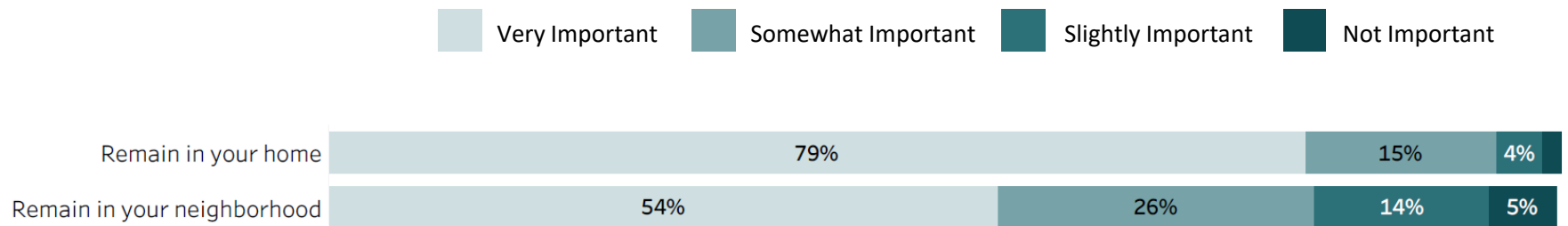


Get to Family Member



Aging in Place

Where Grey and Green Interests Can Clash?





Emergency Preparedness

FILE OF LIFE

KEEP INFORMATION UP TO DATE !!
Review At Least Every Six Months !

MEDICAL DATA REVIEWED AS OF MO. YR.

Name: _____ Sex:
M F

Address: _____

Doctor: _____ Phone #: _____

Doctor: _____ Phone #: _____

EMERGENCY CONTACTS

Name: _____ Phone #: _____

Address: _____

Name: _____ Phone #: _____

Address: _____





WARM for Affordable Housing PROJECT AIMS

- 1) To understand the experiences of extreme weather events on older adults living in affordable housing.
- 2) To understand the role and experiences of Service Coordinators in emergency preparedness and response.



Jaycee Village is an independent-living affordable housing complex for older adults located in Columbus, Ohio. The complex houses older adults who are 62 years of age or older and adults 18 years of age and older with a disability.





Mixed methods community-based participatory case study design

- 1) Cross-sectional survey of residents (N = 124) and service coordinator experiences (N = 12) with extreme heat events with residents
- 2) Focus groups with residents (N = 10-12) and service coordinators (N = 12)
- 3) Innovation sessions with residents, practitioners, and service coordinators using appreciative inquiry approaches such as world café.



WARM for Affordable Housing PROJECT GOAL

To develop a toolkit to inform action plans for affordable housing communities informed by research, practice and the experiences of older residents.



Join us

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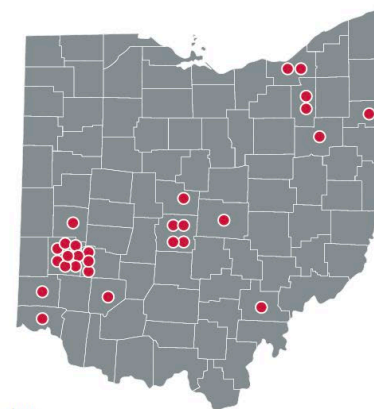
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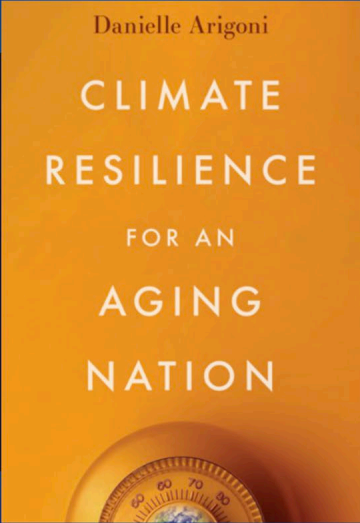




AFIC



JOIN THE COALITION OF AGE-FRIENDLY COMMUNITIES OF OHIO
TO HEAR FROM AUTHOR DANIELLE ARIGONI

Webinar: Thursday, January 18th 3pm EST

Danielle Arigoni
**CLIMATE
RESILIENCE**
FOR AN
**AGING
NATION**





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COLLEGE OF SOCIAL WORK Voinovich School of Leadership and Public Service

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AARP California: <https://states.aarp.org/california/poweryoursavings>



Getting Connected

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Holly Dabelko-Schoeny, MSW, PhD

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Priority Climate Action Plan

MVRPC Water and
Environment Sub-Committee

January 2024

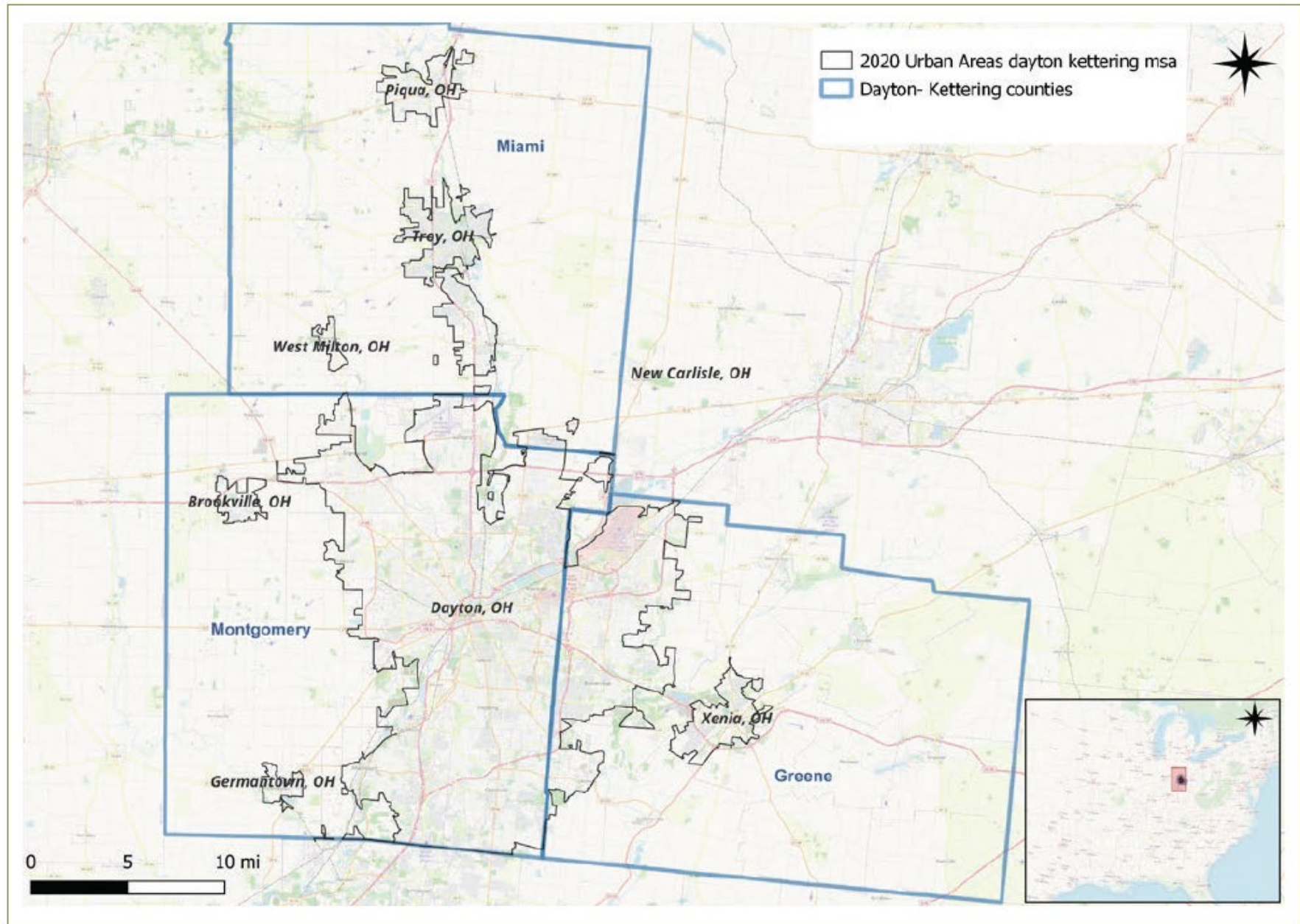


Miami Valley Climate Pollution Reduction Grant

- PCAP Process
- Overview of GHG Inventory
- Mitigation Measures
- CCAP process preview
- Public Comment period and timeline



Study Area



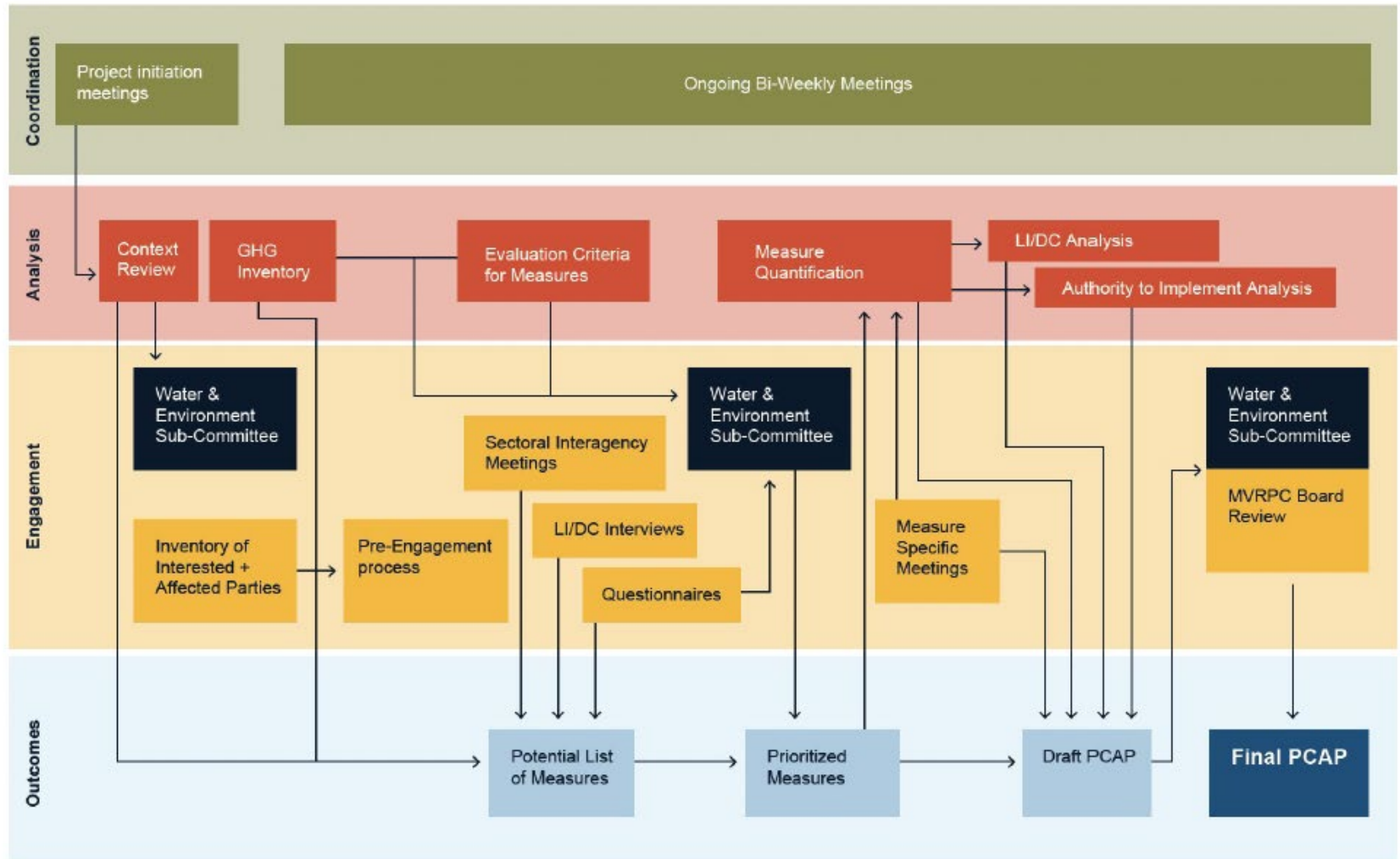


The PCAP

identify near-term, high-priority,
implementation ready measures
to reduce GHG emissions



The PCAP



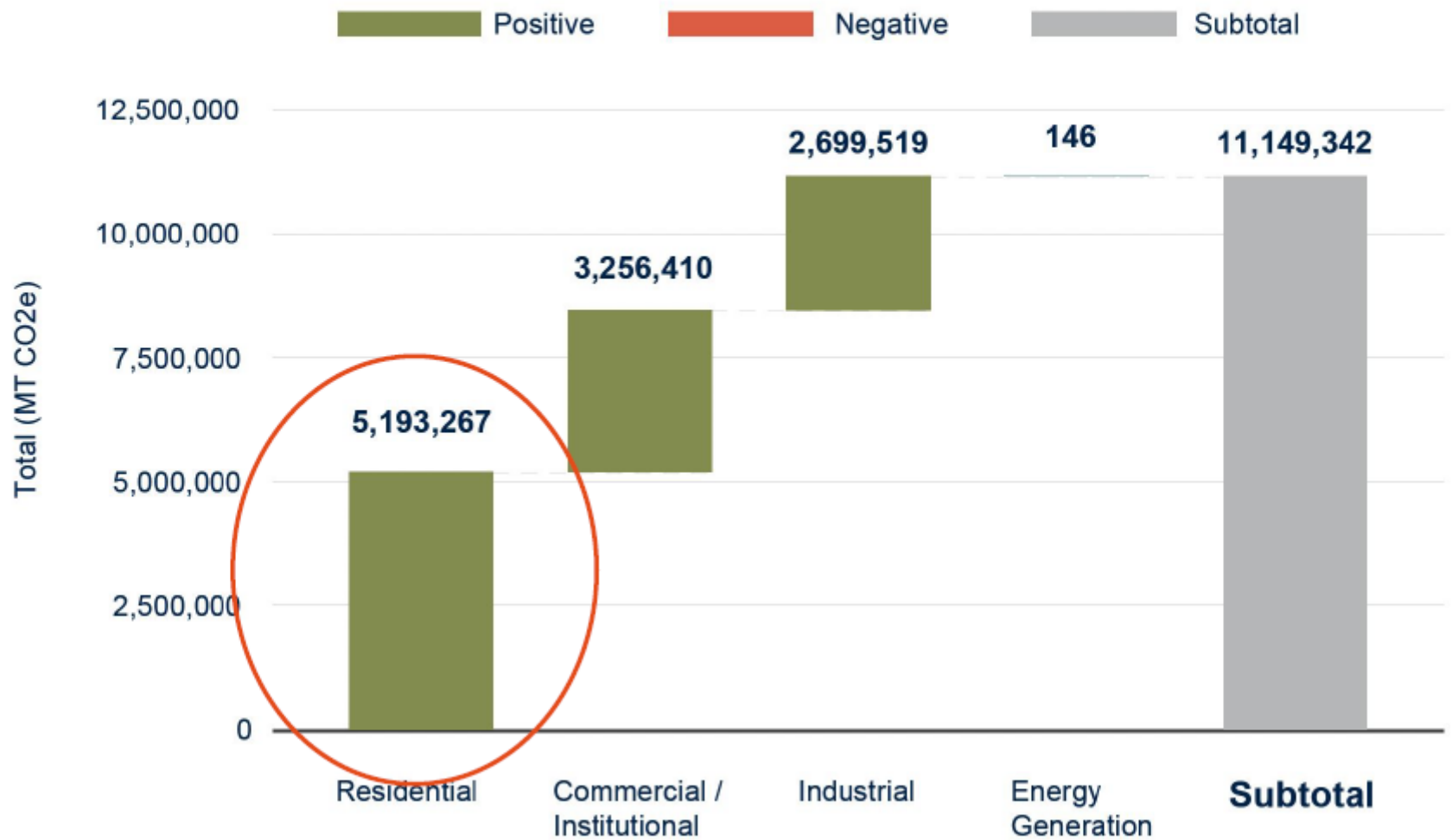


PCAP GHG Inventory

SSG



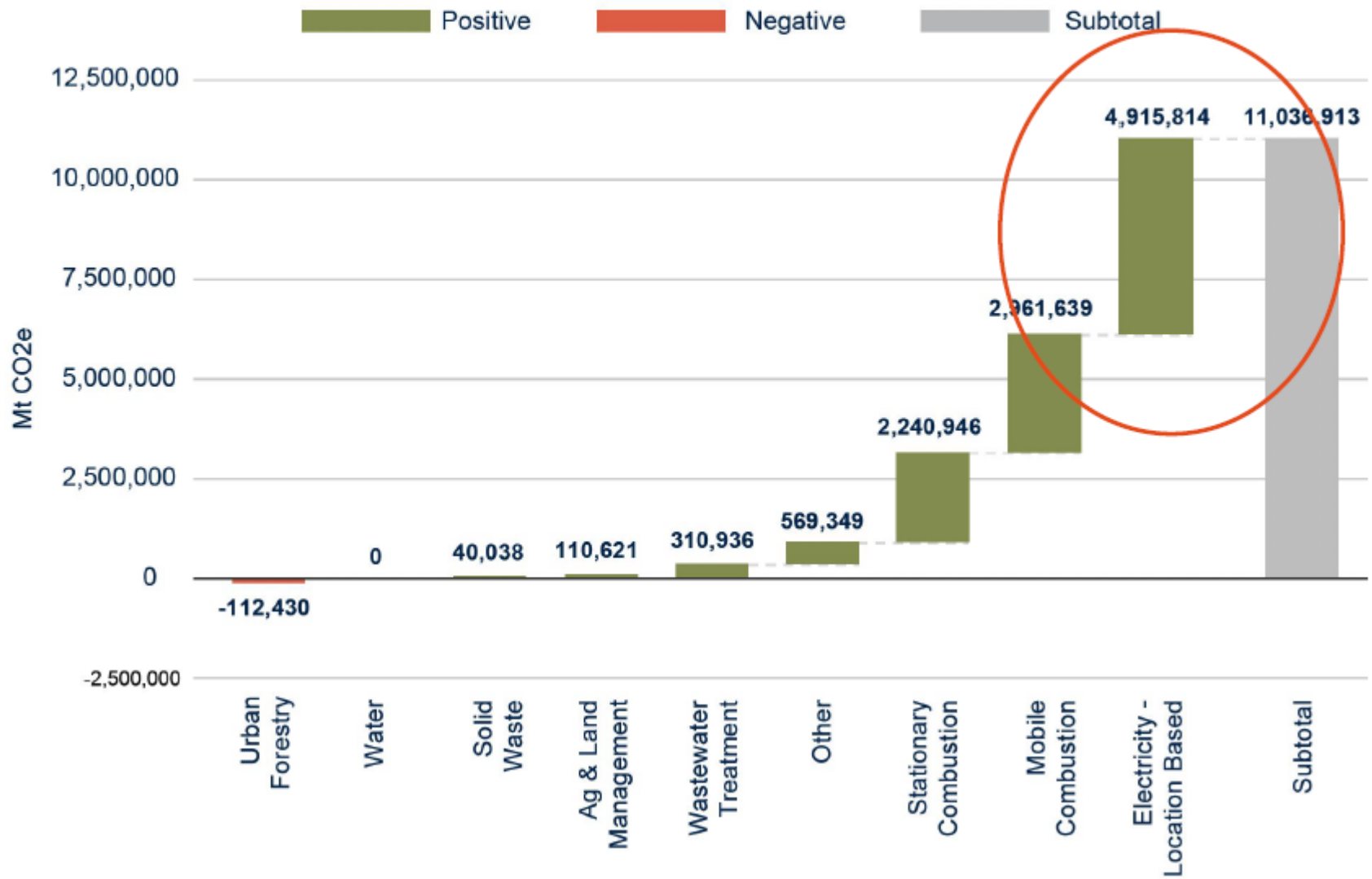
Emissions by sector



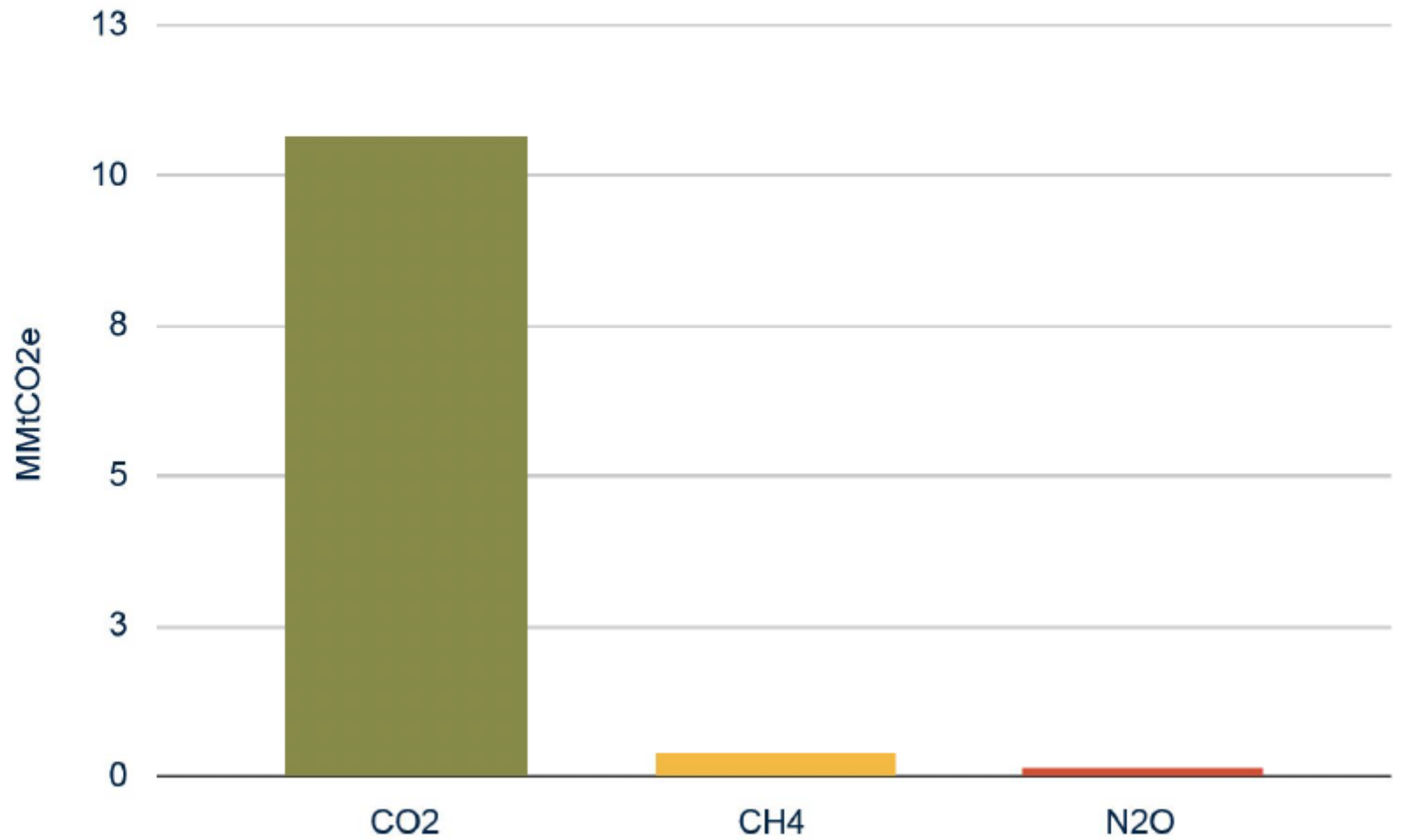
* Excluding agriculture and forestry



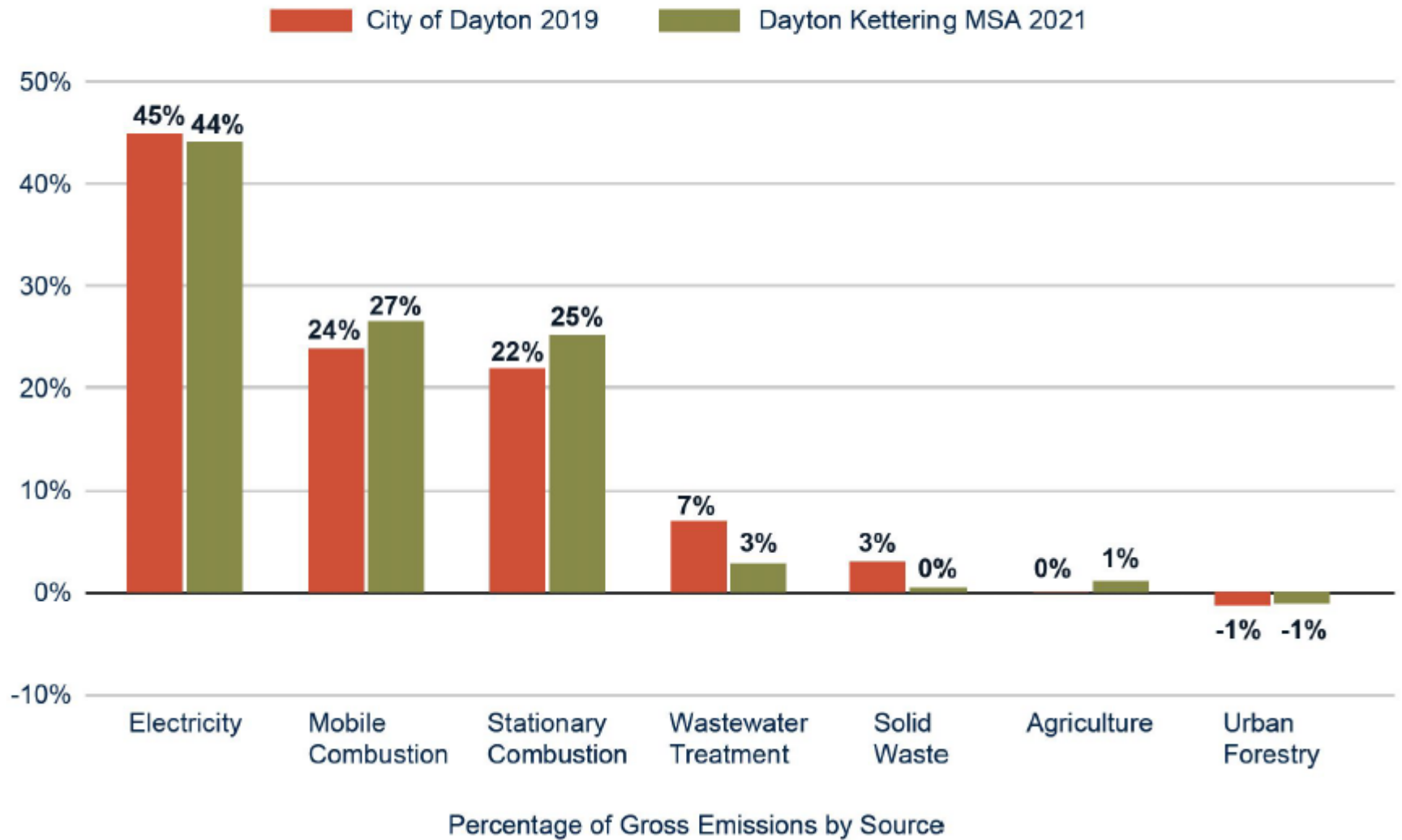
Emissions by sub-sector



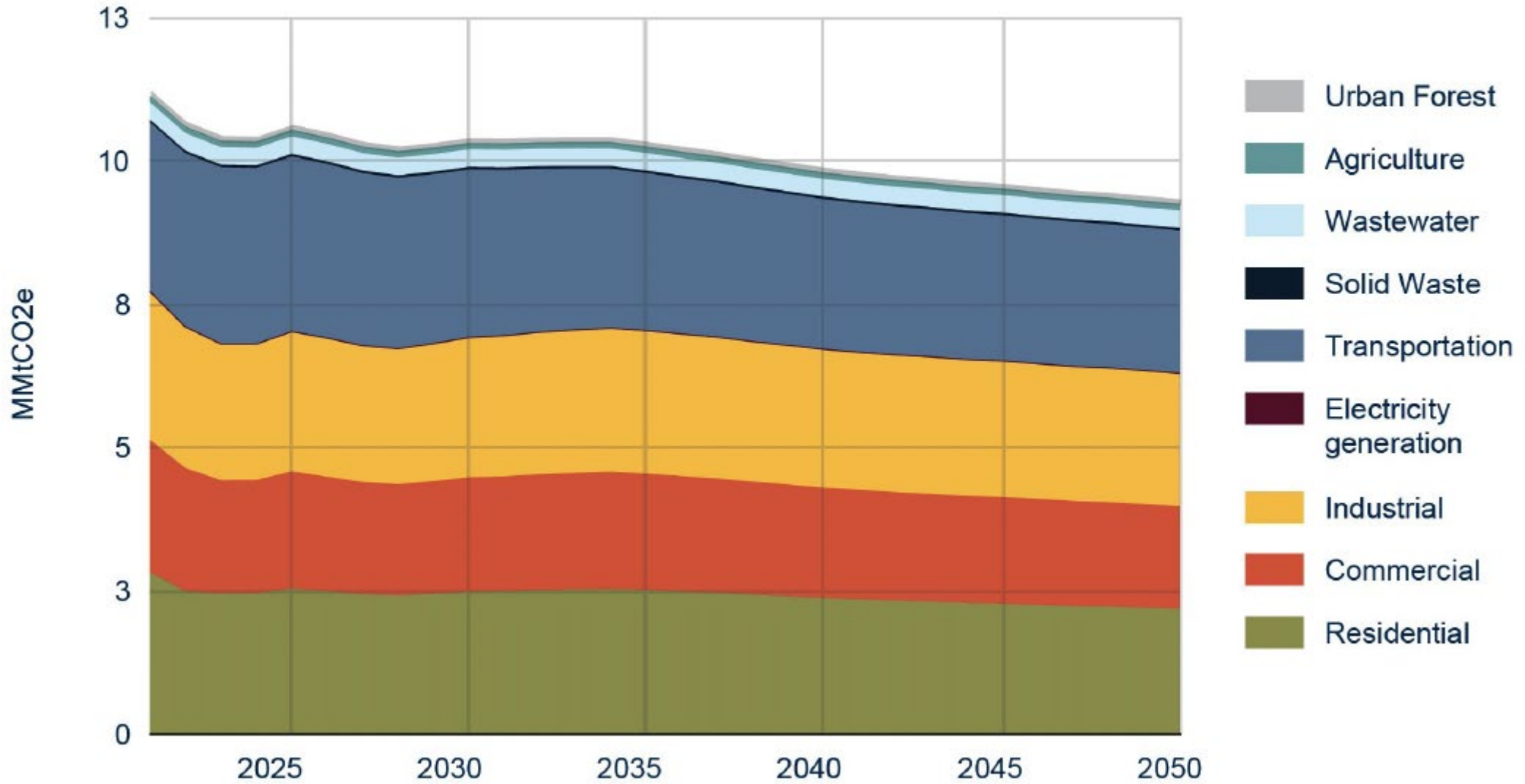
Emissions by greenhouse gases



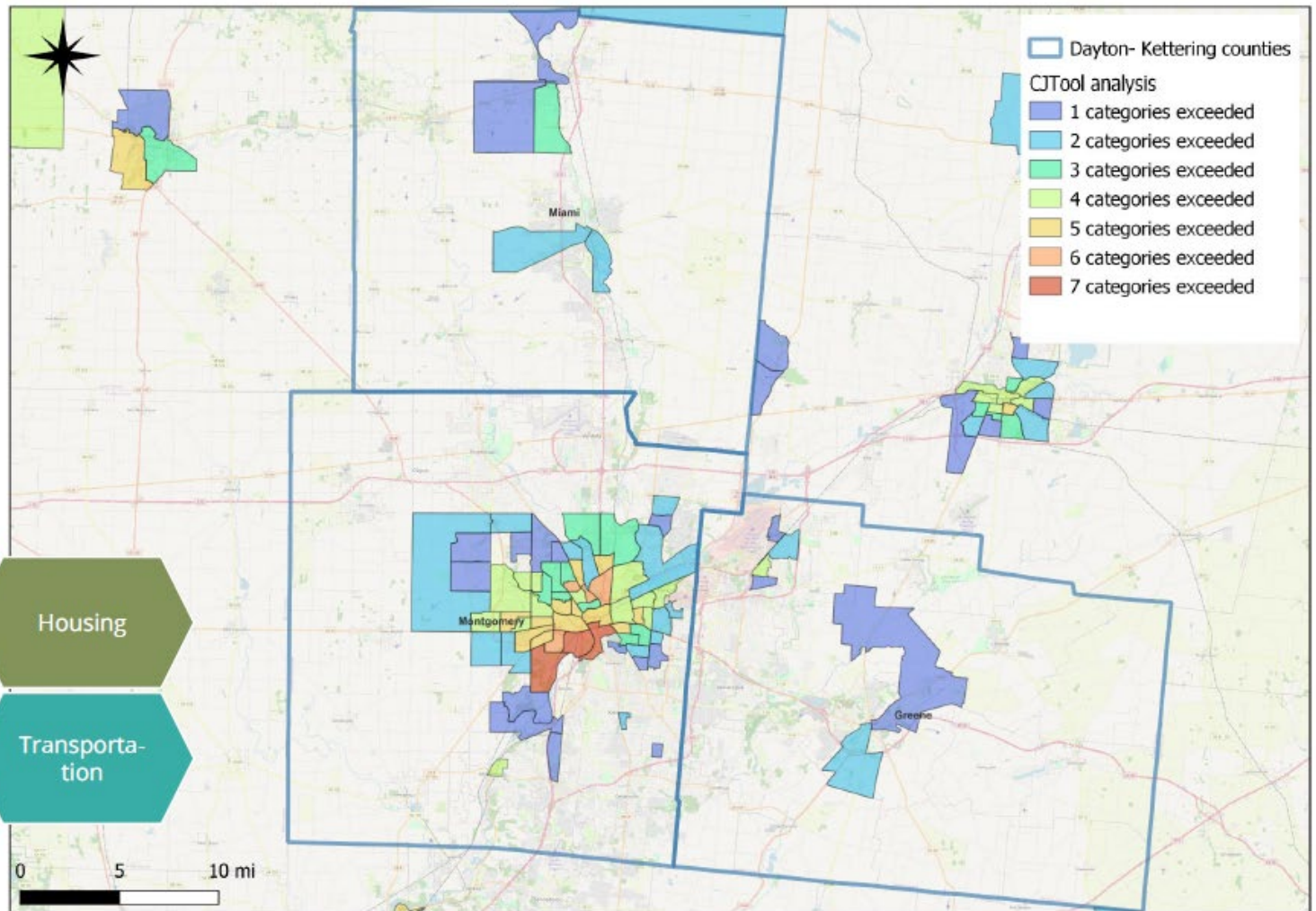
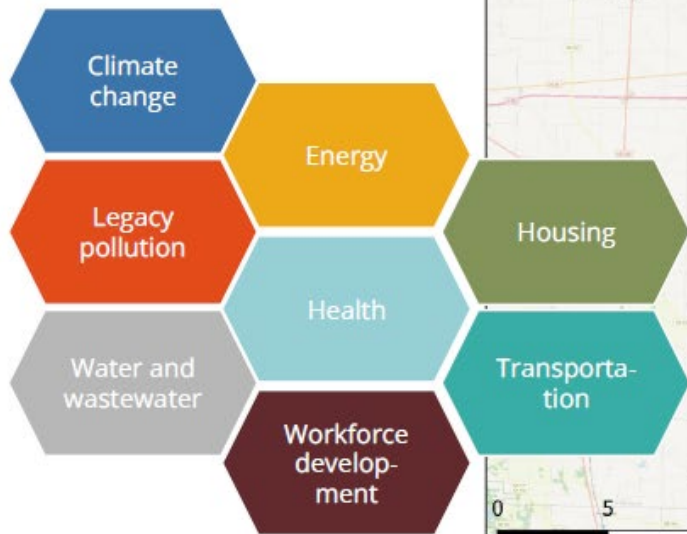
Comparing with Dayton GHG inventory...



And by sector



Mapping LIDACs in Miami Valley



Climate and Economic Justice
Screening Tool





PCAP Projects

SSG



GHG Reduction Measures

The Eight
PCAP Projects
for Miami Valley

1.



Clean fleets

2.



Virtual Power Plants

3.



Virtual Power Plants Plus

4.



Neighborhood Deep
Retrofit Program

5.



Transit transformation

6.



Carbon sequestration

7.



Clean cars for all

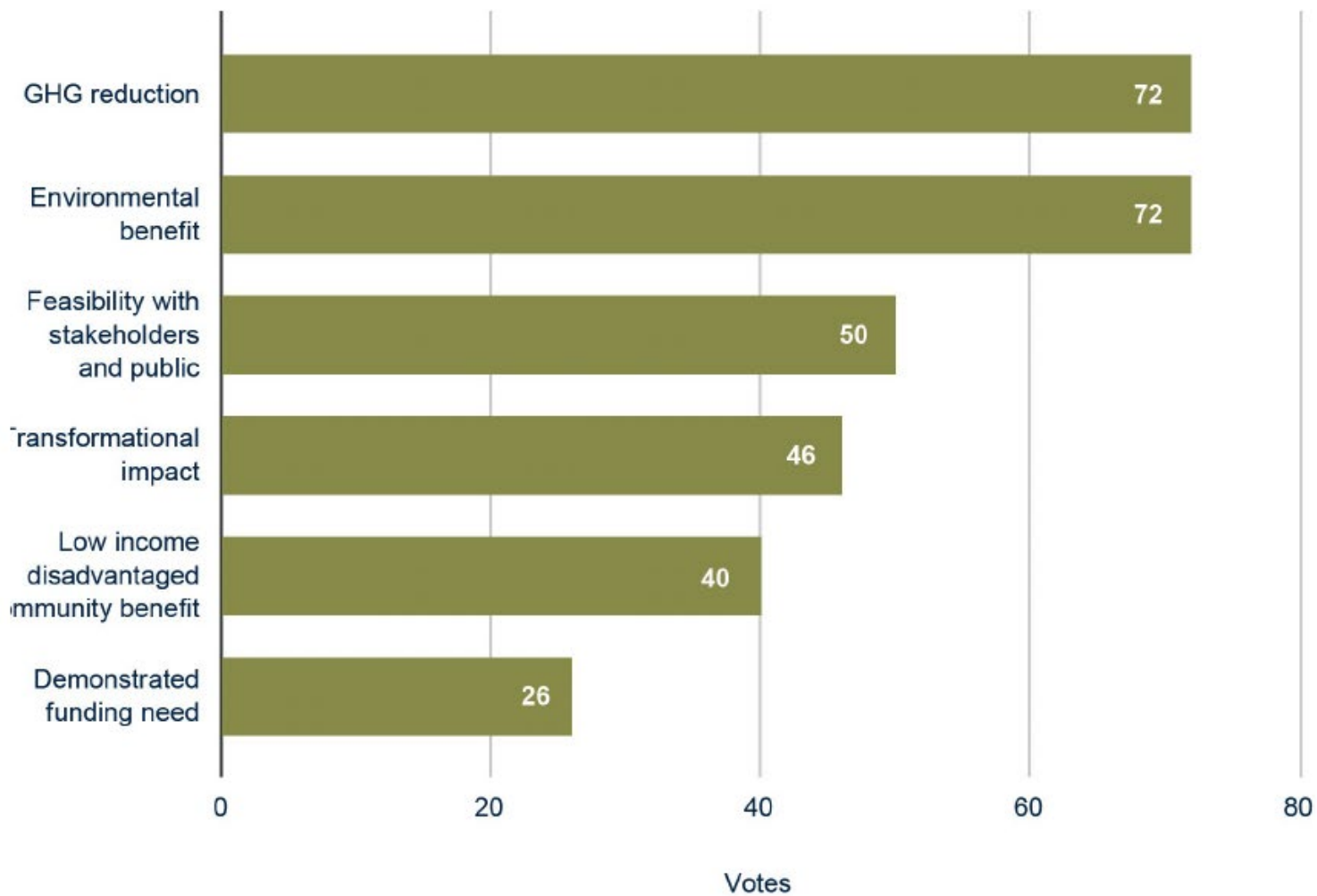
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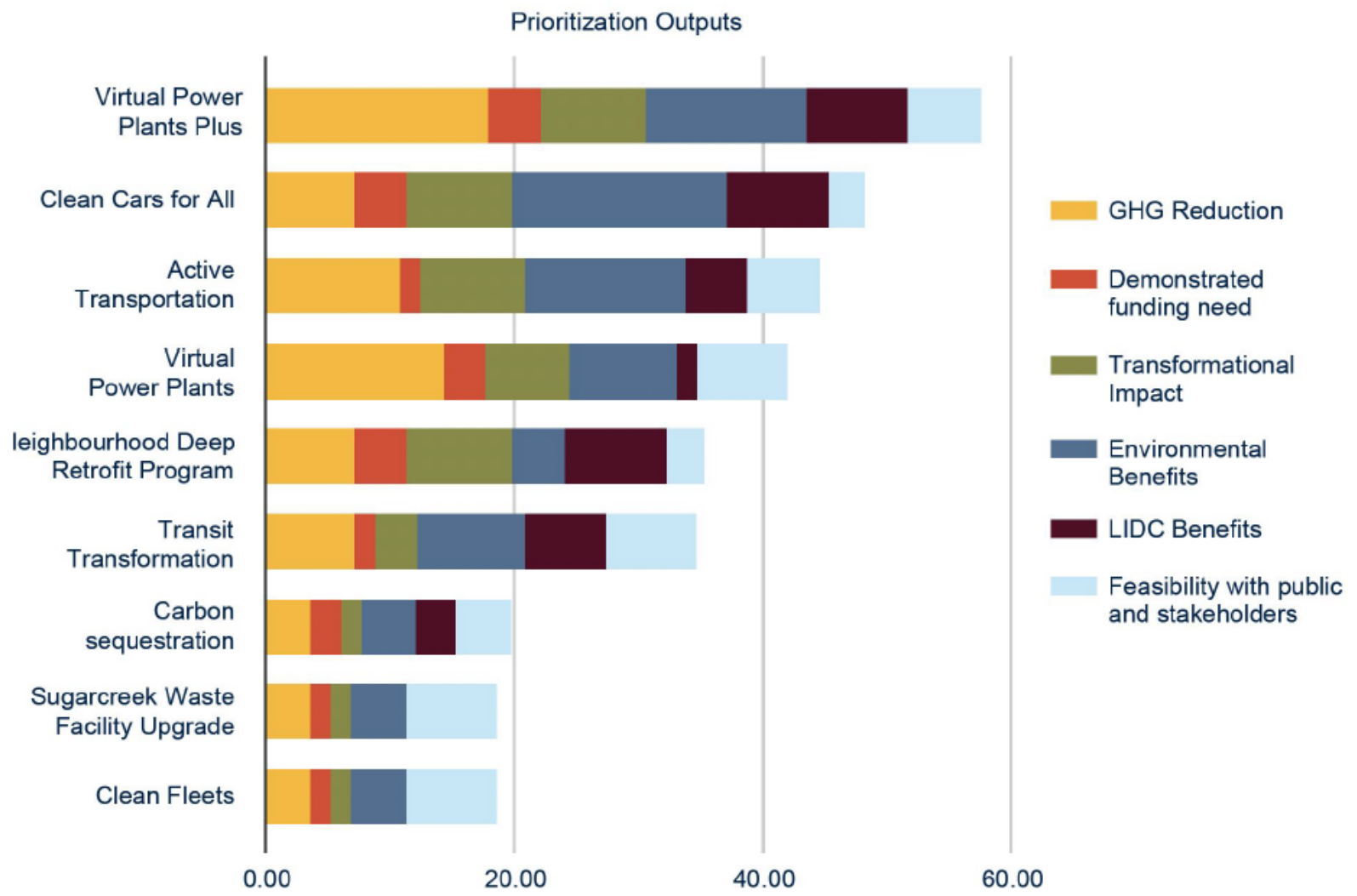
Active transportation



Weighing the priorities for the PCAP measures



PCAP measures scores





CCAP

Recommendations and next steps





PCAP and CCAP

PCAP

- ❑ Evaluated the impact of specific measures
- ❑ Highlights benefits to LIDAC neighborhoods both directly and indirectly

CCAP

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





Recommendations

- Evaluate the compounding and integrated benefit of electrification;
- Identify mechanisms to specifically target LIDAC (policies, incentives, investments);
- Directly involve LIDAC representatives in designing policies and mechanisms;
- Identify transportation options for rural areas;
- Mechanisms to scale building weatherization or retrofits across the region;
- Leverage the opportunity of SOPEC
- Evaluate a scenario for concentrated development across the region as a strategy to systematically transform transportation in Miami Valley.





Questions or Discussion

Matt Lindsay

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