



# Regional & State CPRG Planning Work Updates



**MIAMI VALLEY**

Regional Planning Commission

*Celebrating 60 Years | 1964-2024*

- Inflation Reduction Act of 2022
- **Overview of Priority Planning from State of Ohio**
- Overview of Priority Planning for the Miami Valley
  - GHG Inventory
  - Mitigation Measures
  - Implementation Grant Application



# Inflation Reduction Act

*The largest climate investment in history.*



- \$369 billion over 10 years
- Over 110 separate **Energy Security and Climate Change** programs in 10 federal departments
- Community-driven climate solutions
- Clean energy transition
- Justice40 Initiative



# Climate Pollution Reduction Grant

*Develop and  
implement ambitious  
plans for reducing  
greenhouse gas  
emissions and other  
harmful air pollution.*



- \$5 billion
  - \$250 million for planning
    - \$3 million per State, D.C., PR
    - \$1 million per Metro Area
  - \$4.6 billion for implementation
    - Competitive
    - \$4.3 billion open to all
    - \$300 million for Tribes and Territories



# Climate Pollution Reduction Grant in Ohio

*Four largest Metro  
Areas and the State*



- State of Ohio opted in; project managed by Ohio EPA, Division of Air Pollution Control.
- Cleveland, Columbus, and Cincinnati Metro Areas all opted in.
- Dayton Metro Area invited in.



# Climate Pollution Reduction Grant

*Community-driven  
climate pollution  
reduction planning.*



## Three required deliverables:

- Priority Plan
  - March 1, 2024
  - Near-term, implementation-ready measures for reducing GHG emissions
  - Linked to implementation grants
- Comprehensive Plan
  - June of 2025
- Status report
  - Summer of 2027







# Climate Pollution Reduction Grant

*Community-driven  
climate pollution  
reduction planning.*



## Priority Plan Elements:

- Greenhouse Gas Inventory
- Quantified Pollution Reduction Measures
- Benefits Analysis for Low Income and Disadvantaged Communities (LIDAC)
- Authority to Implement



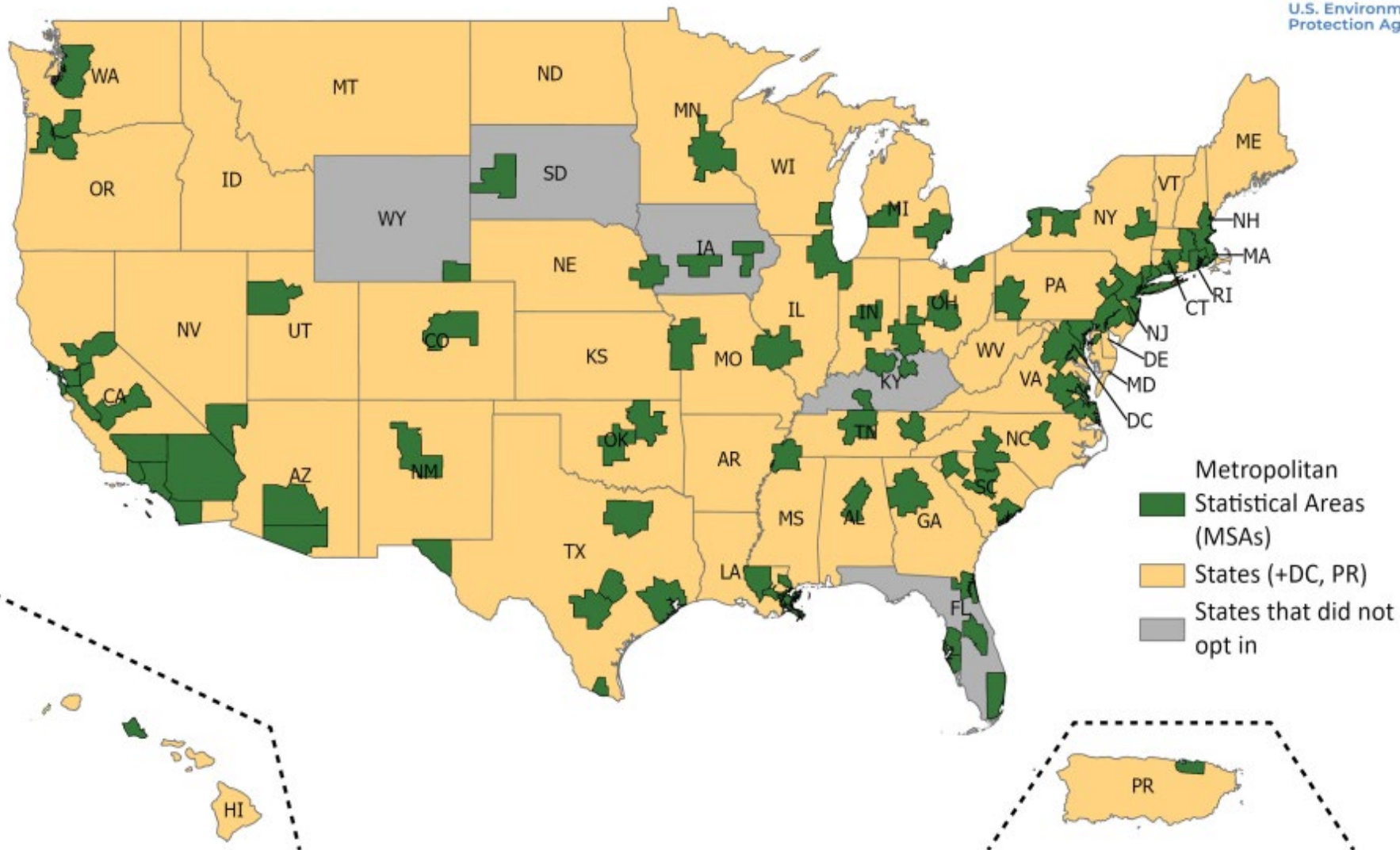


96% of the U.S. population  
lives in a location now  
covered by a climate plan.



**CLIMATE  
POLLUTION  
REDUCTION  
GRANTS**

U.S. Environmental  
Protection Agency







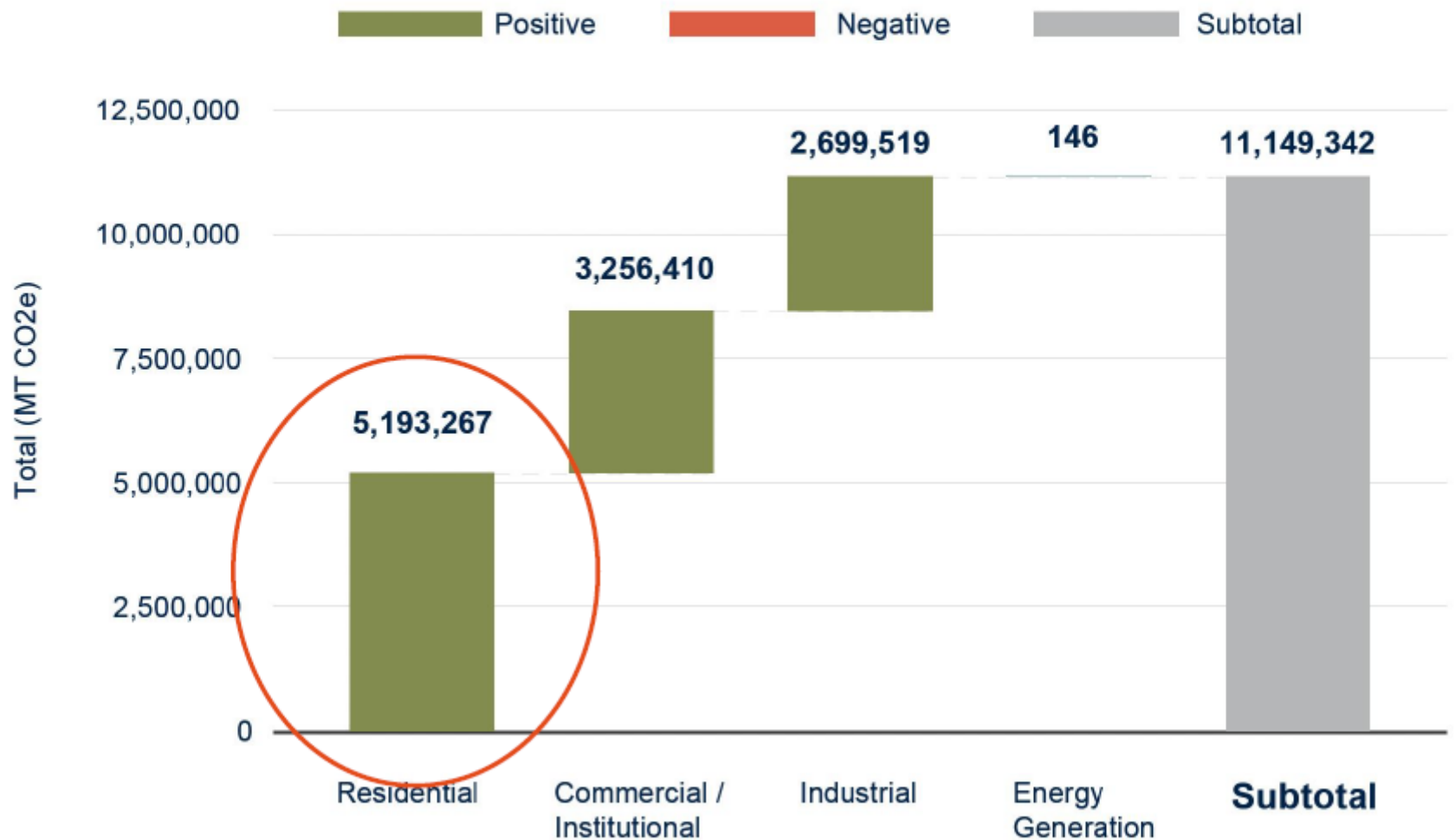
# PCAP GHG Inventory

SSG





# Emissions by sector

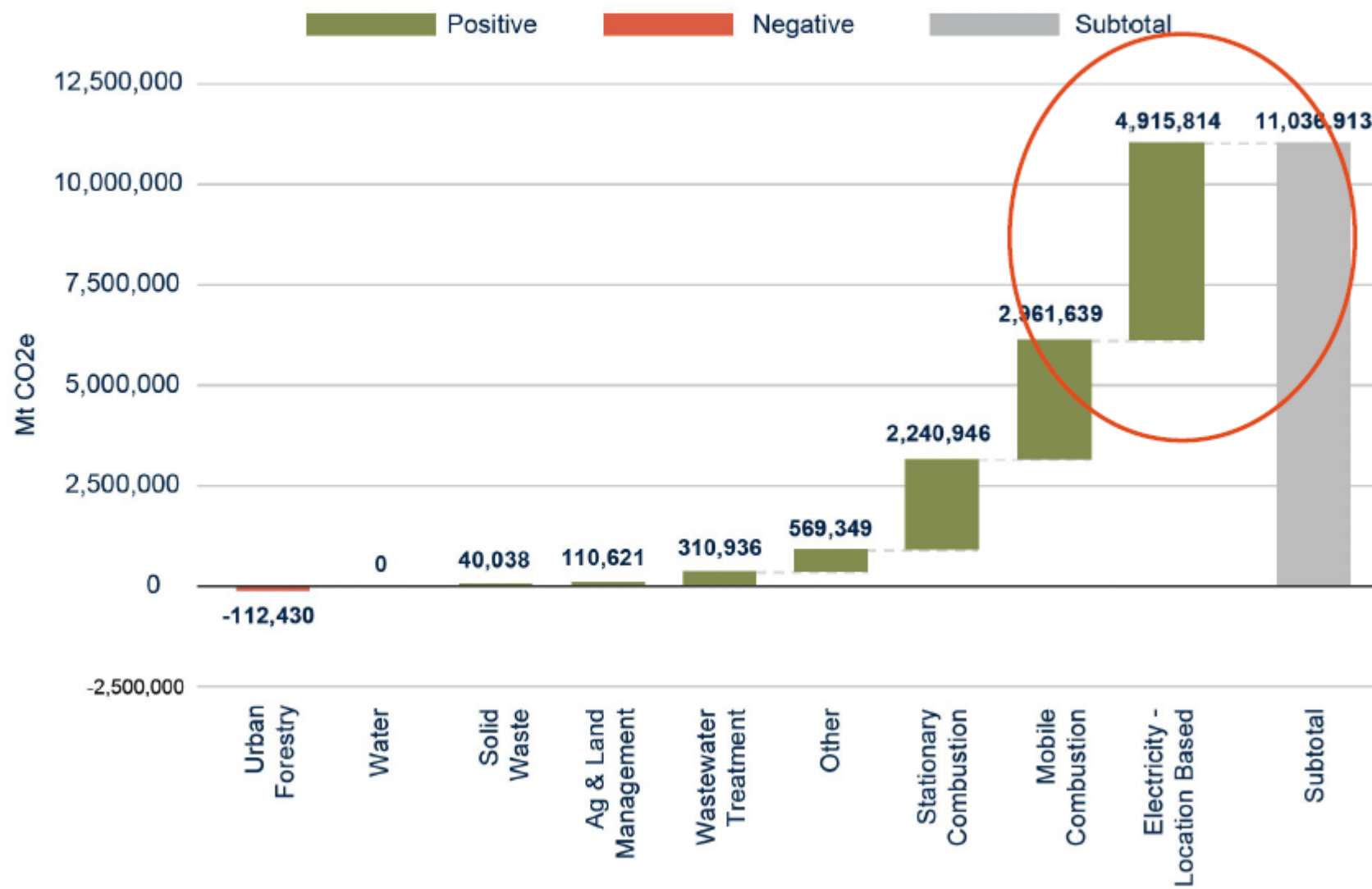


\* Excluding agriculture and forestry



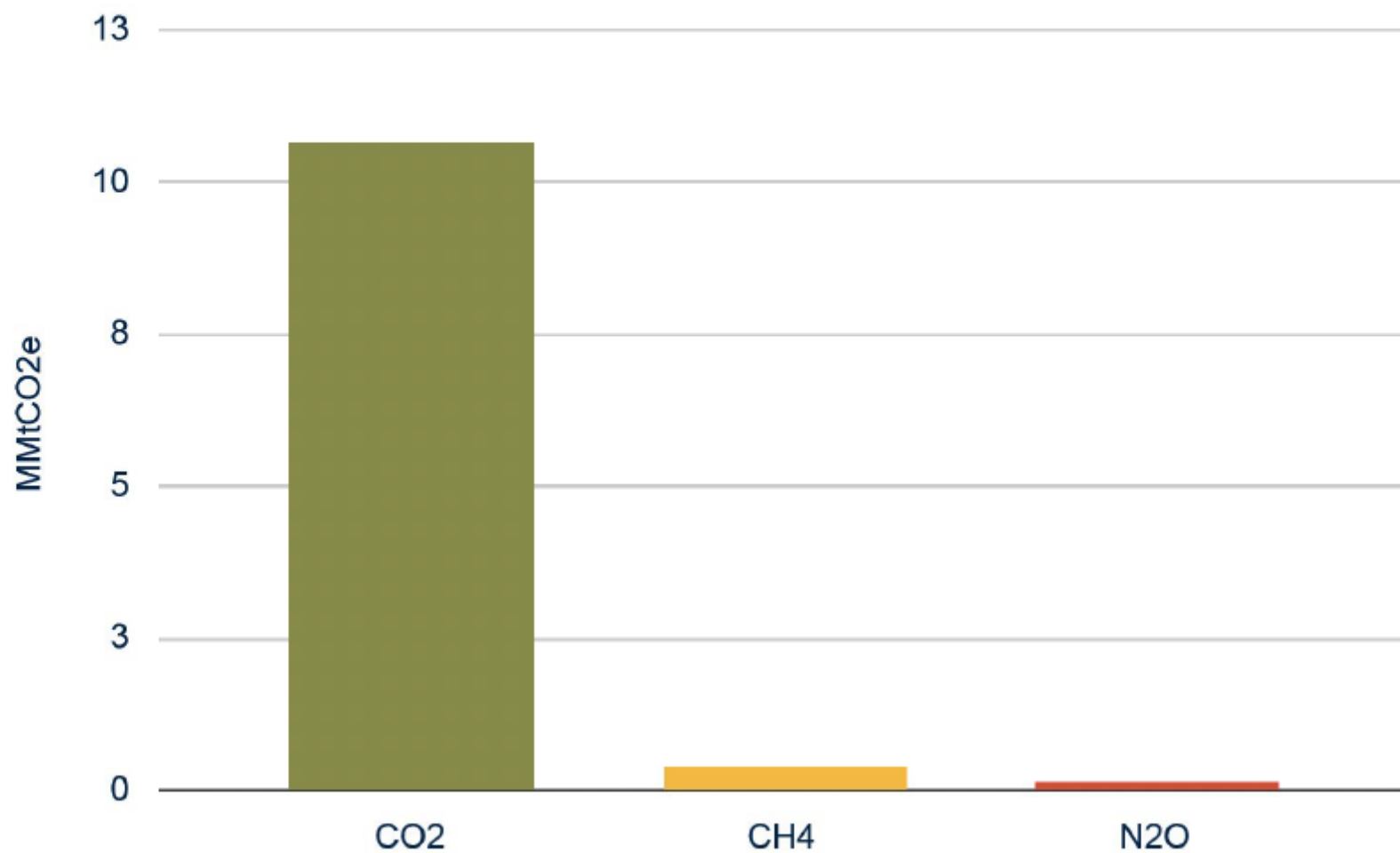


# Emissions by sub-sector



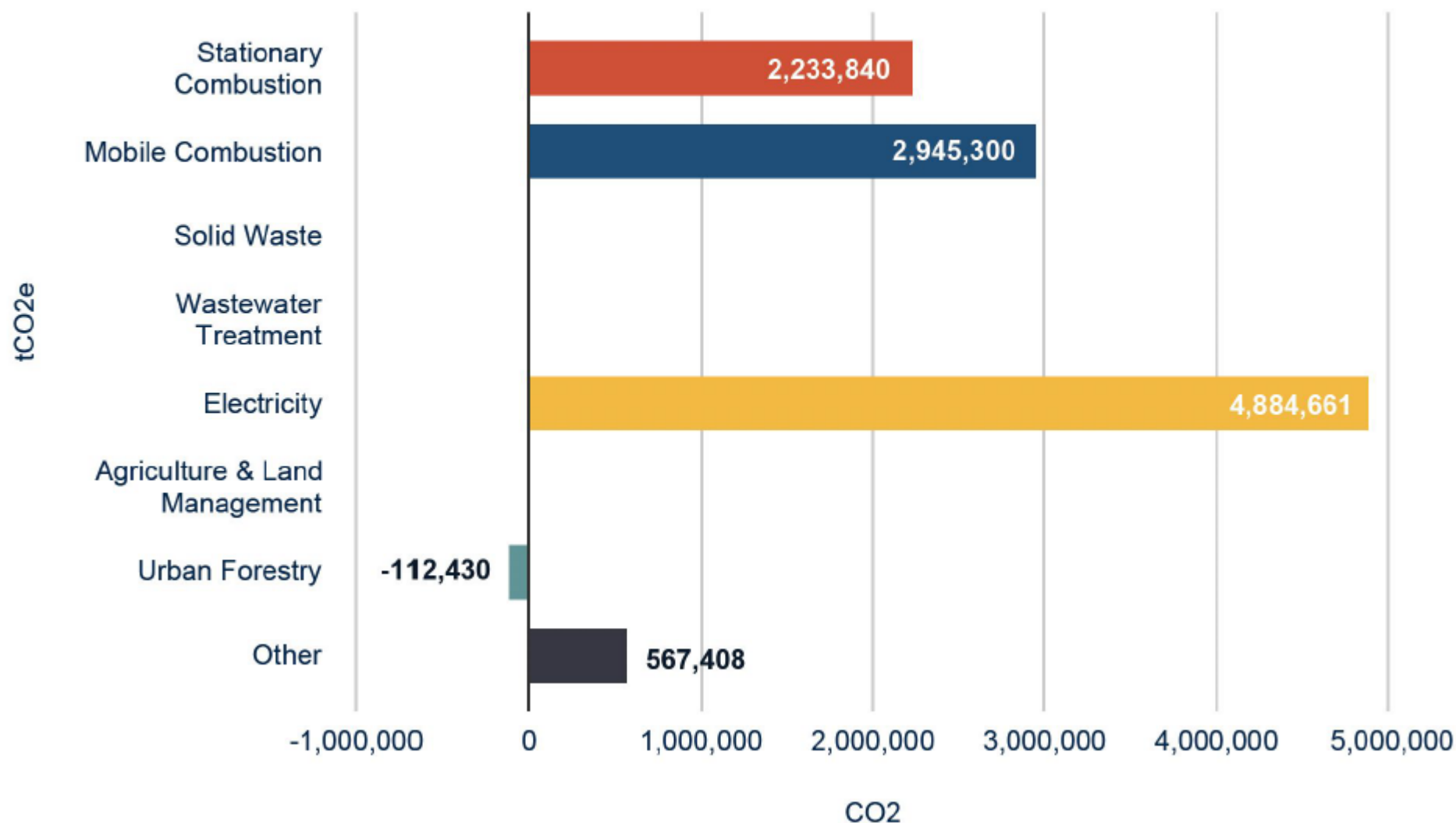


## Emissions by greenhouse gases





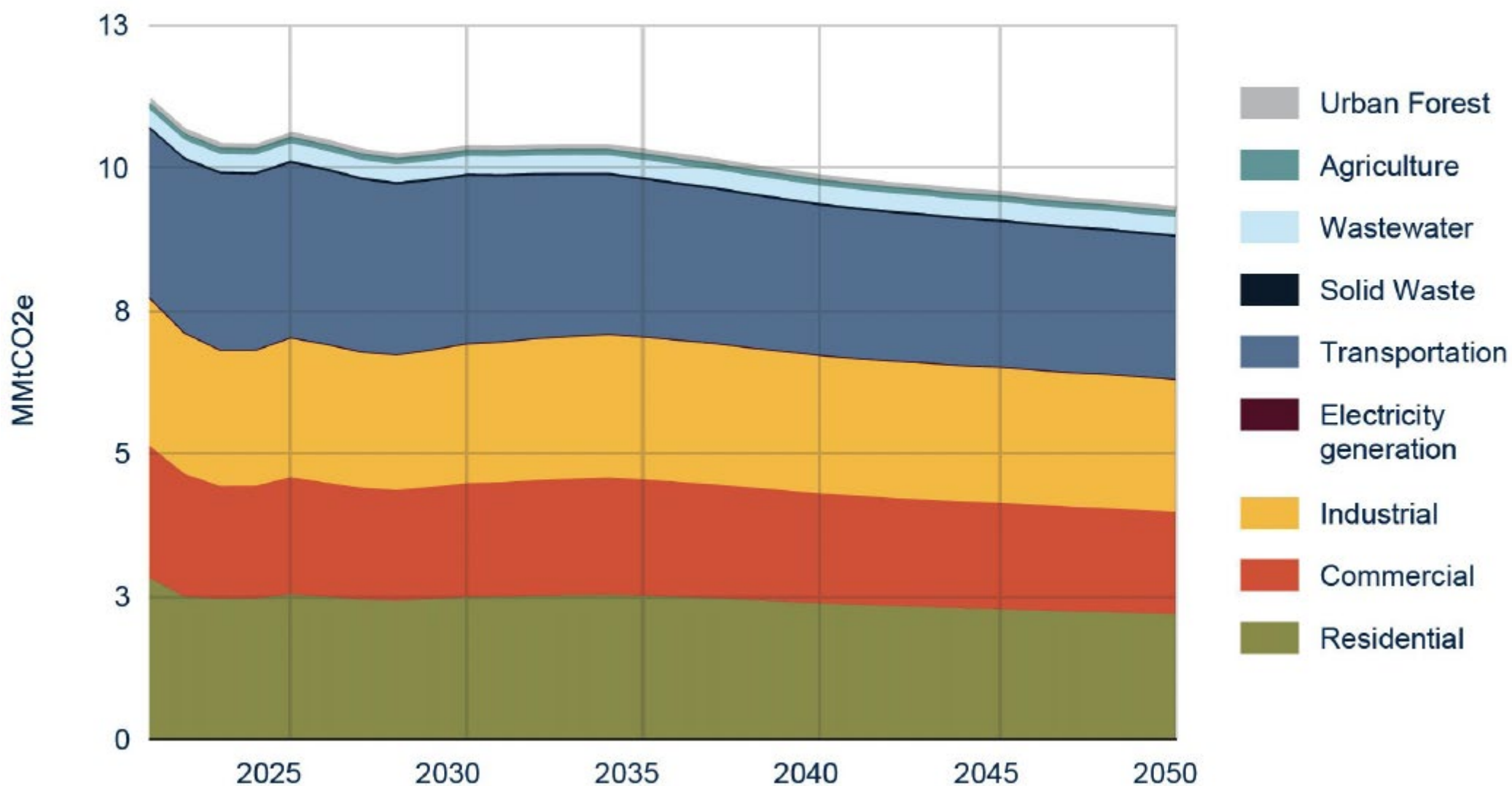
# Overall GHG emissions - CO<sub>2</sub>







## And by sector





# PCAP Projects

SSG



## The Nine 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

8.



Active transportation

9.



Organic Waste Reduction  
and Sustainable Materials  
Management



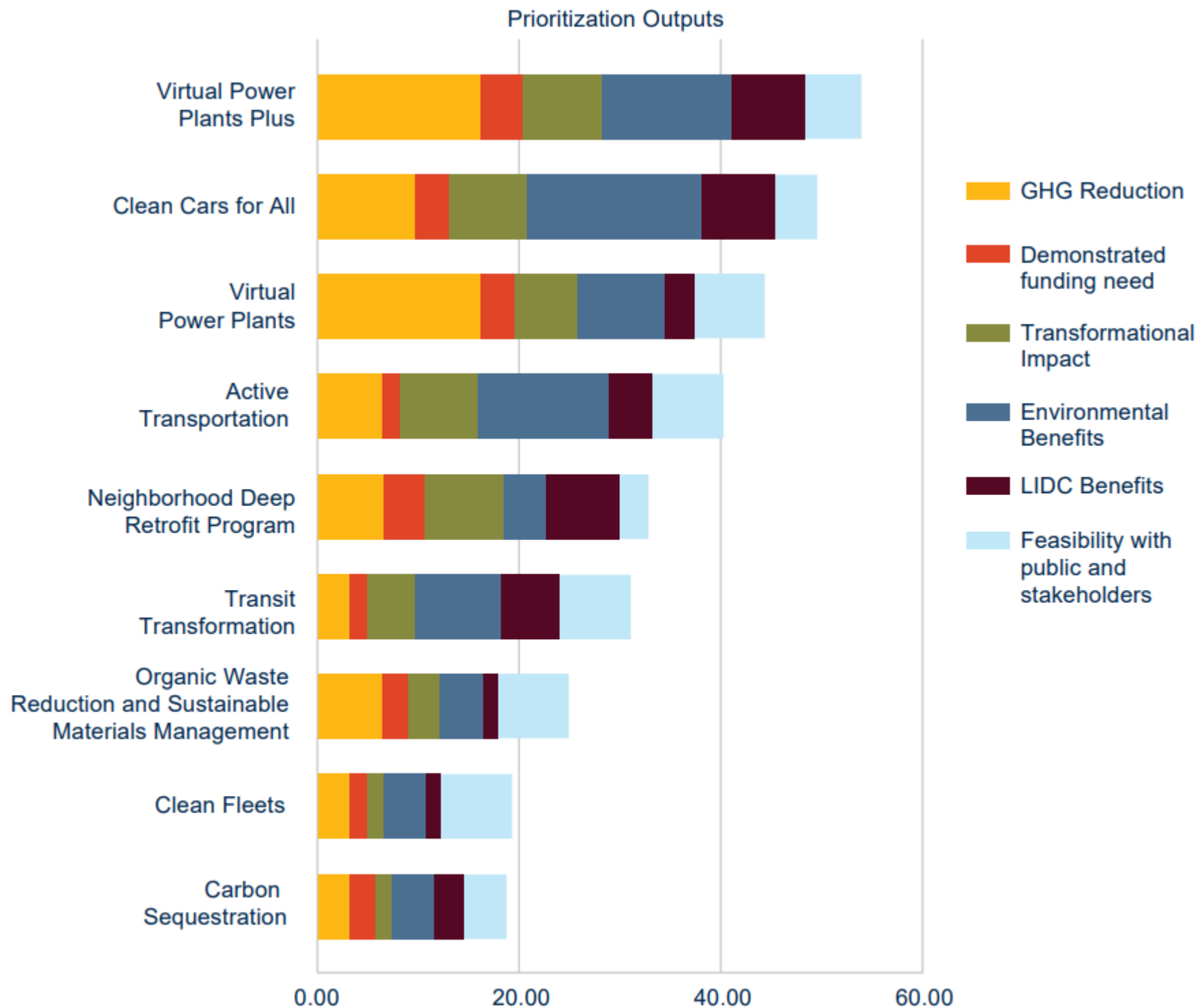


Figure 32. Scoring for the PCAP measures. Source: SSG analysis.



## More Information



- PCAP is available to download here:  
[mvrpc.org/climate-pollution-reduction-planning](http://mvrpc.org/climate-pollution-reduction-planning)





- Applicants: **SOPEC** and **City of Dayton**
- Proposed: **35 MW of solar**, to be used through City aggregation program
- **Revolving Green Fund** to assist in home weatherization, electrification, and ready for rooftop solar
- Ask: \$85 million





# **Dr. Brooke White**

## **Ohio EPA**