



CLIMATE ACTION PLAN



Philadelphia MSA

WILMAPCO Council

November 2025

EPA Climate Pollution Reduction Grant (CPRG) Program

Planning grants for reducing GHG emissions

- States (\$3M) and MSAs (\$1M)
- Timeframe: 2024 - 2027
 - Priority Climate Action Plan (**PCAP**) - March 2024
 - Comprehensive Climate Action Plan (**CCAP**) - December 2025
 - Status Report - Summer 2027

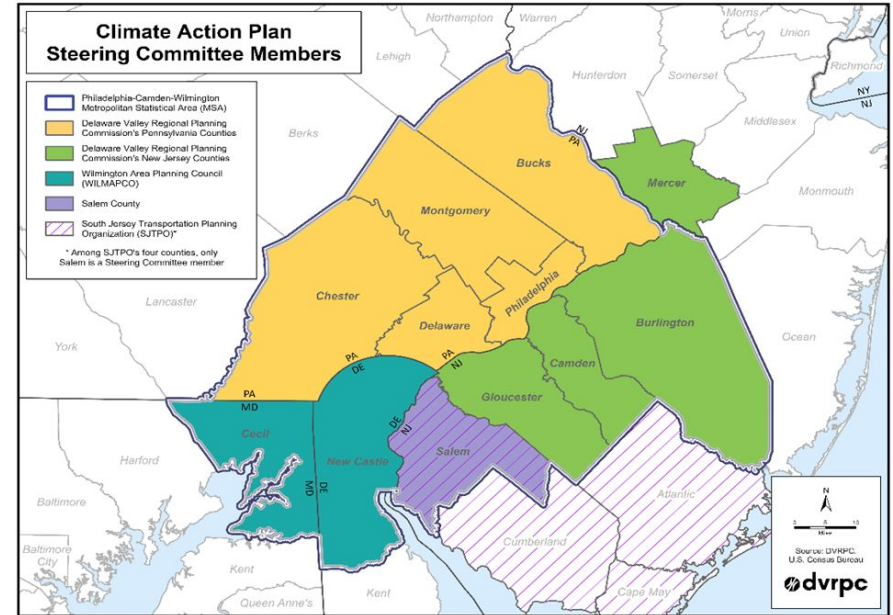
Philadelphia-Camden-Wilmington MSA

4 States: PA, NJ, DE, MD

12 Counties: DVRPC 9 Counties + New Castle, DE; Cecil, MD; and Salem, NJ

3 MPOs: DVRPC, WILMAPCO, SJTPO

387 Municipalities



Organization

MSA-WIDE STEERING COMMITTEE

PENNSYLVANIA

Philadelphia Office of Sustainability	PEA + PGCC
Bucks County	Chester County
Delaware County	Montgomery County
PA DEP (+ other state agencies)	PUC Air Management

NEW JERSEY

SJTPO	Salem County
Burlington County	Gloucester County
Mercer County	Camden County
NJ DEP (+ other state agencies)	BPU

DELAWARE-MARYLAND

WILMAPCO	New Castle County, DE
Cecil County, MD	
MDE (+ other state agencies)	DNREC (+ other state agencies)

Community Engagement Steering Committee

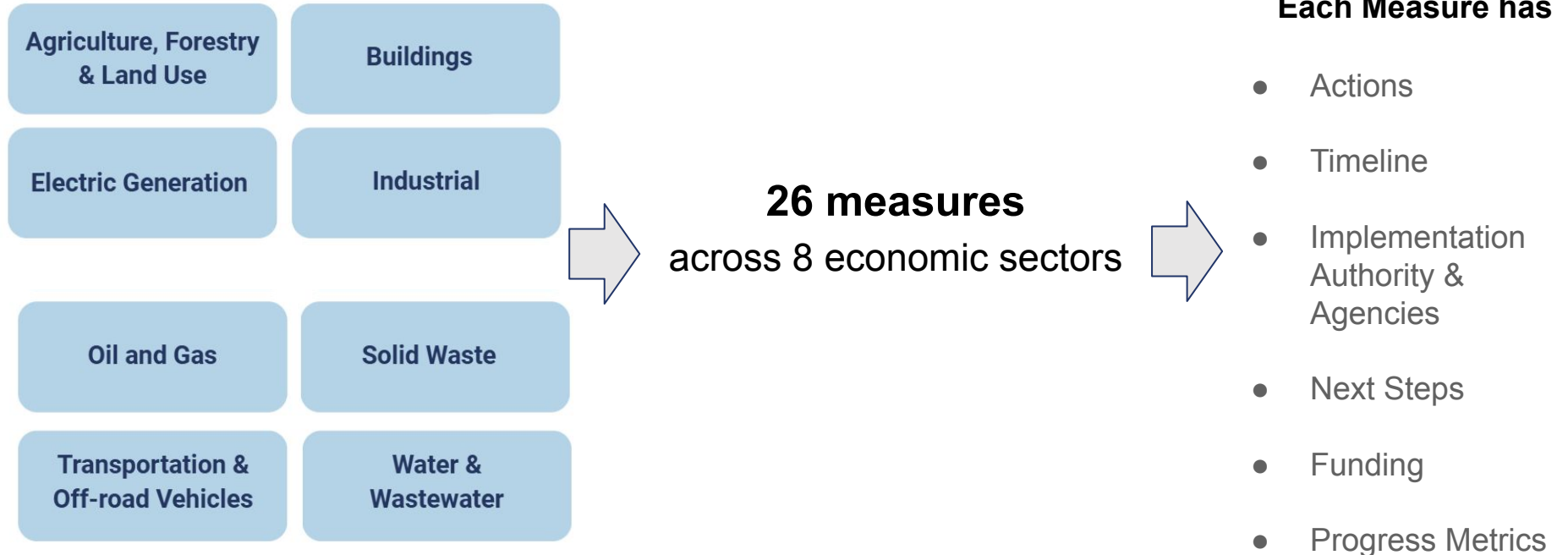
Stakeholders / Subject Matter Experts
(i.e. utilities, transportation, etc.)

CCAP Plan Overview

8 Required Elements

1. Public + Stakeholder Engagement
2. Economy-wide GHG Reduction Measures
3. GHG Inventory, Targets and Projections
4. Community Benefits Analysis
5. Authority to Implement
6. Funding Analysis
7. Workforce Analysis

Structure: Sectors, Measures, and Descriptions



Example: Transportation Measures

Clean, Convenient, and Efficient Transportation

1. Electrify light-duty vehicles
2. Decarbonize medium and heavy-duty transportation vehicles through alternative fuels and electrification
3. Improve the efficiency of transportation systems and operations
4. Expand, improve and decarbonize transit



Example: Transportation Measures

5. Establish and reinforce land use patterns that support transit and active transportation
6. Implement bicycle, pedestrian, and active transportation improvements
7. Reduce port and airport emissions
8. Decarbonize off-road vehicles (including construction vehicles) and equipment (lawn mowers, etc.)





Modeling Results



CCAP Reduction Goal

Net Zero Emissions regionally by 2050

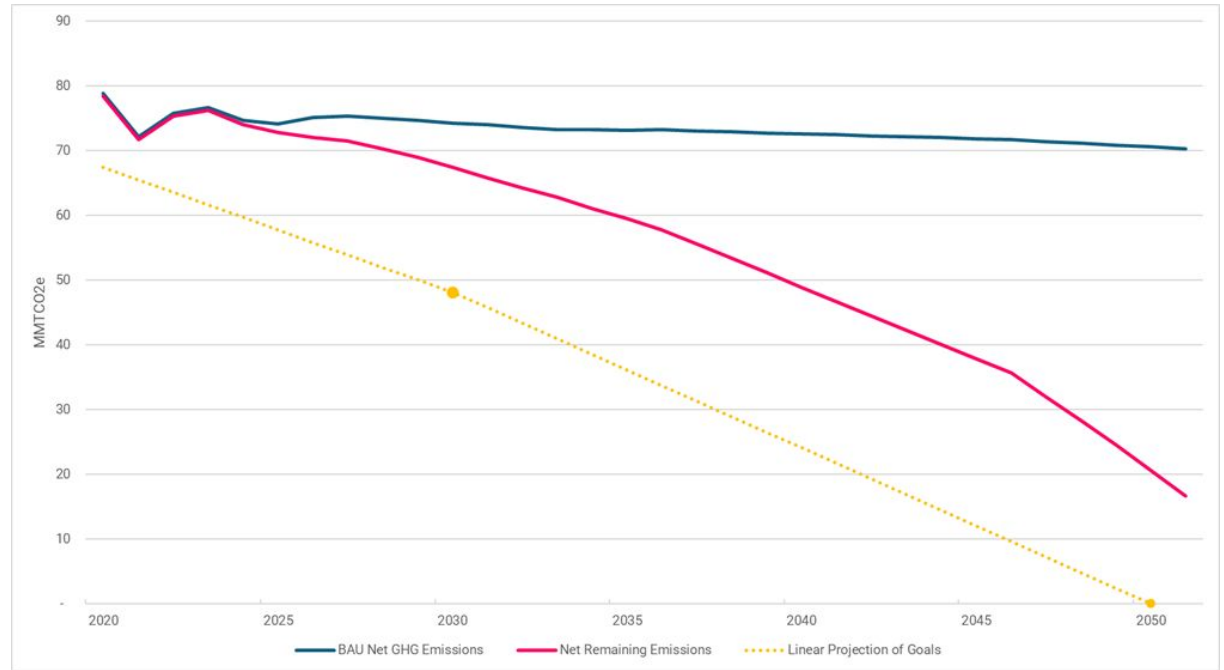
50% reduction by 2030 (from 2005 emissions)



Modeling Results

82% reduction in emissions
in 2050 from 2005

31% reduction in emissions
in 2030 from 2005

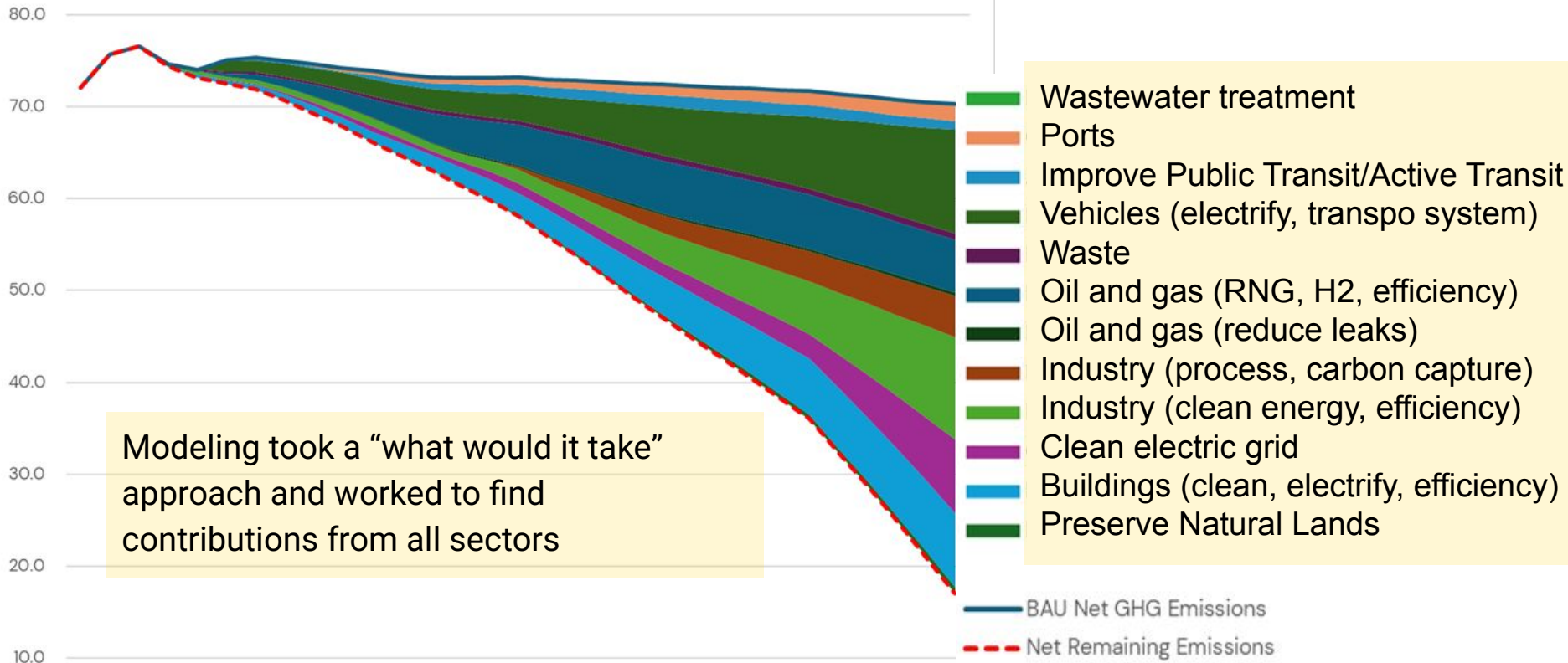


Modeling Results

- Significant reductions from **deep efficiency and electrification** in the building and transportation sectors, and **decarbonization strategies** in industry
- Major reductions from electrification **dependent on the deep decarbonization of the electricity grid**
- **Decarbonizing the electric grid** is ultimately the biggest driver for reductions
- Remaining emissions in 2050 from the limitations of electrification for some industrial applications, buildings, and vehicle types

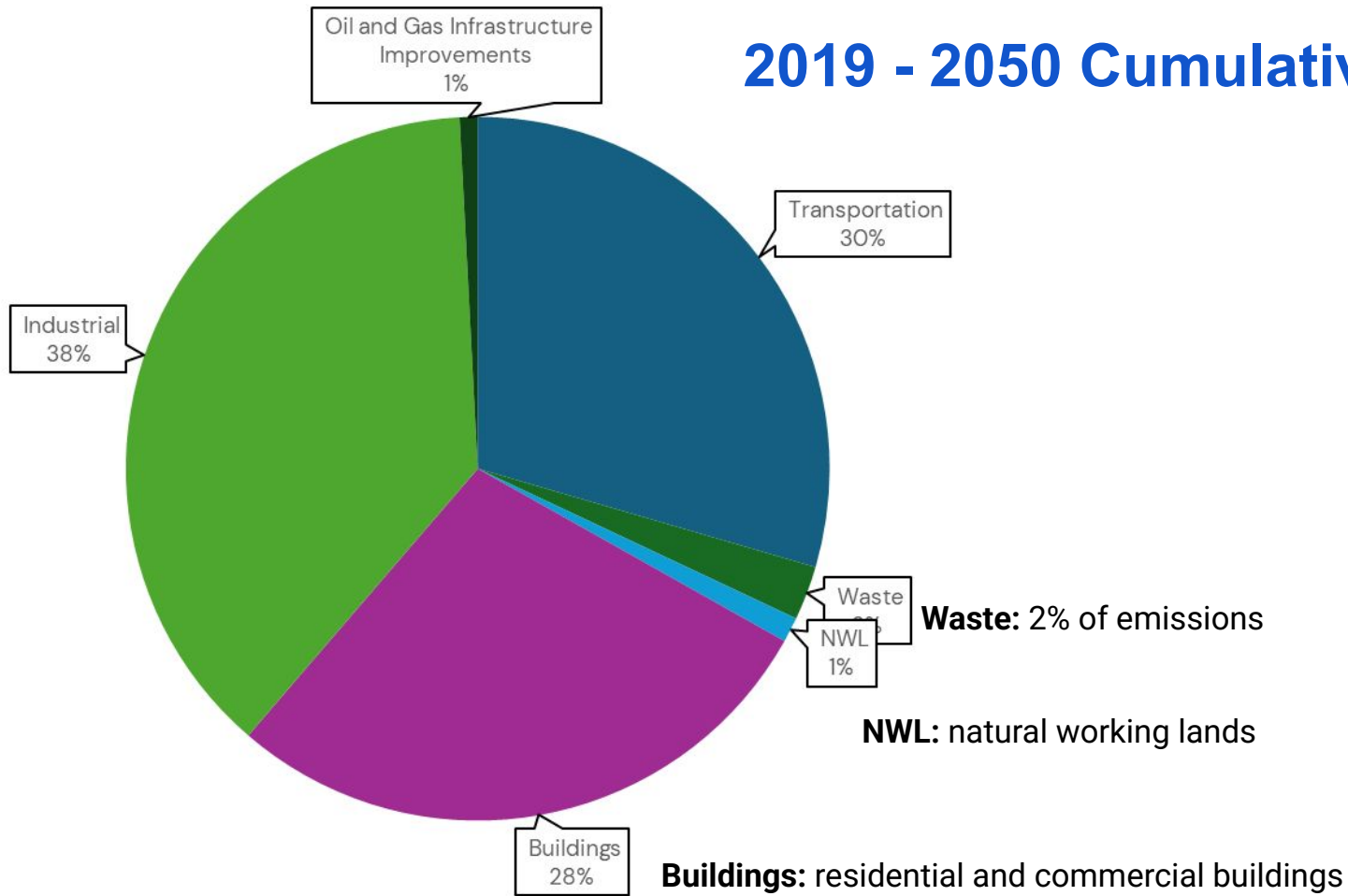


Overall Modeling Results

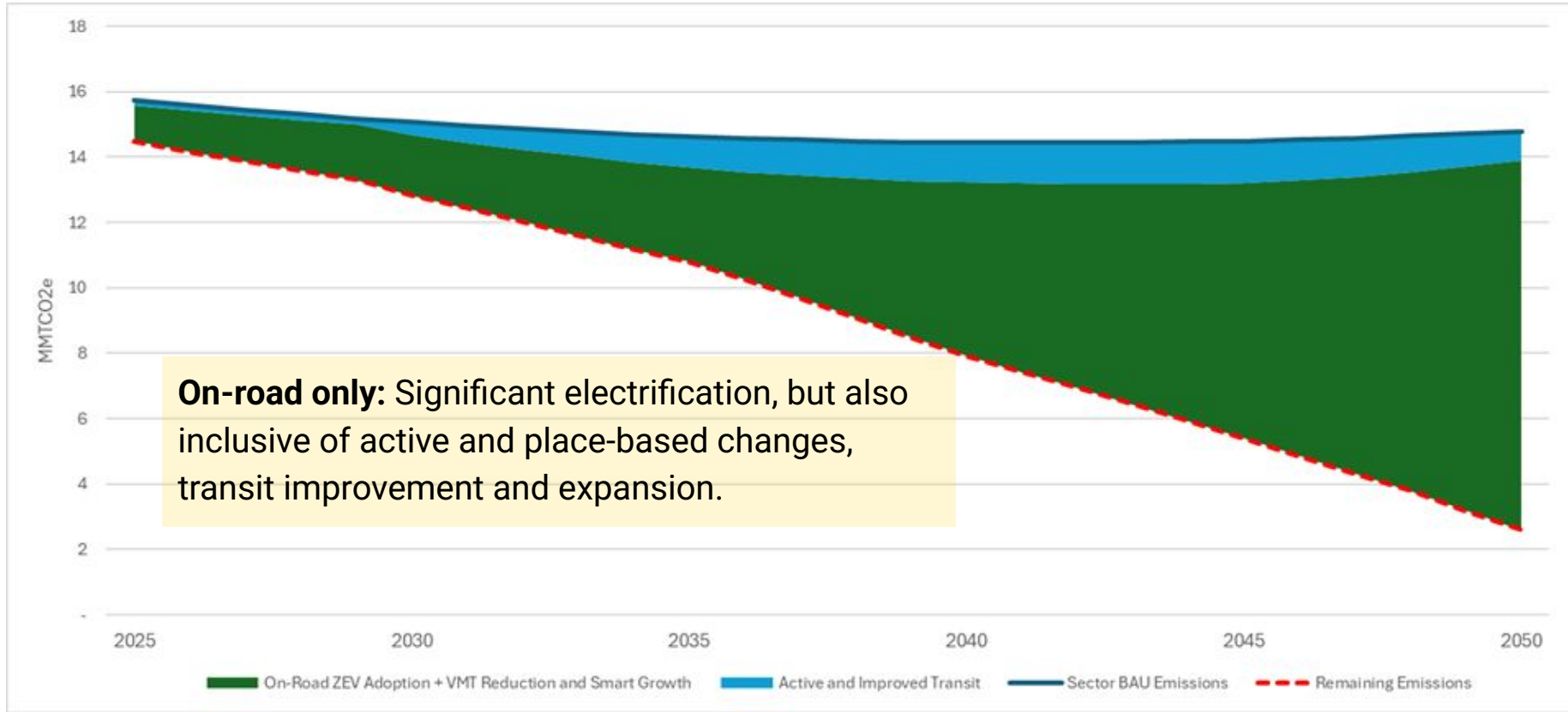


2019 - 2050 Cumulative Reductions

(% of total MTCO₂e)



Transportation Sector



Model Year 2050's Remaining Emissions by Sector

- Transportation 30%
- Industry 27%
- Buildings 17%
- Waste 17%
- Oil and Gas 5%





Public Involvement



Community Engagement Steering Committee

- Community Benefit Organizations from across the MSA
 - 19 total
 - Including: Healthy Communities Delaware/Delaware Community Foundation, West Side Grows Together, Sierra Club Delaware Chapter, and Fair Hill Nature Center
- Four meetings

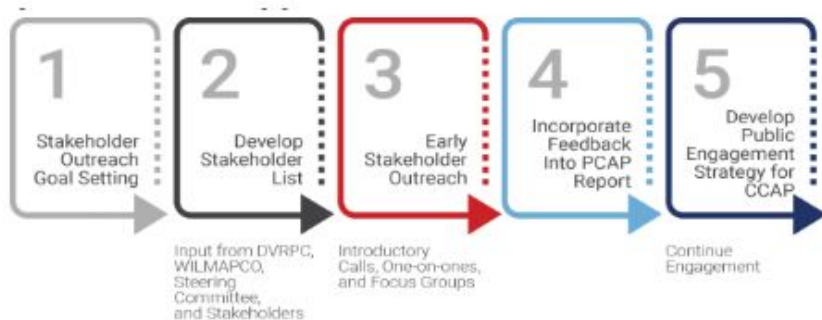


Project Participation Website

Philadelphia Metropolitan Statistical Area (MSA) Priority Climate Action Plan

DVRPC is thrilled to announce the completion of the [Philadelphia MSA Priority Climate Action Plan \(PCAP\)](#) that was conducted as part of the U.S. Environmental Protection Agency's [Climate Pollution Reduction Grant Program \(CPRG\)](#). The PCAP identifies priority, short term actions across the region that result in immediate **greenhouse gas reductions** by 2029, with an emphasis on programs that benefit **low income and disadvantaged communities (LIDAC)** as part of the [Justice40 initiative](#). This plan is a prerequisite for our region to apply for and receive competitive funding from the EPA to implement these programs and move the needle on climate action. Engagement with local government, nonprofit organizations, utilities, academic institutions, and other community based organizations was ongoing throughout this process and will expand to the greater public in the next phase of the CPRG planning process.

www.dvrpc.org/cprg



Three Focus Groups

- Philadelphia, Wilmington, and Virtual (MSA-wide)
- 29 residents participated

COMMON THEMES

across all Climate Plan focus groups



**TREE PRESERVATION
AND PLANTING**



**ACCESS TO CLEAN AIR
AND WATER**



**ACCOUNTABILITY
FOR POLLUTERS**



**IMPROVED ACCESS TO
PUBLIC TRANSPORTATION
AND WALKABILITY**



**PUBLIC AND YOUTH
EDUCATION**



SENSE OF COMMUNITY



SAFETY

Themes from Wilmington's Focus Group

Housing & Development

Worries about a lack of incentives for landlords and renters, distrust in housing systems.

Sense of Community

Superfund sites, soil contamination, and weak accountability for polluting corporations.

Transportation

Supported walkable design and public health benefits, but safety and maintenance were key concerns.

Quality of Life

Concern about loss of sustainability incentives and desire for innovative green design.

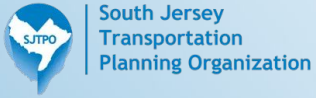
Education

Calls for life skills education, home maintenance, entrepreneurship, and computer literacy programs.

Timeline



- Implementation status of quantified GHG reduction measures
- Relevant updated analyses or projections
- Next steps, including future staff and budget needs to continue implementation



dvrpc.org/cprg

