

# CLIMATE POLLUTION REDUCTION GRANT PLANS

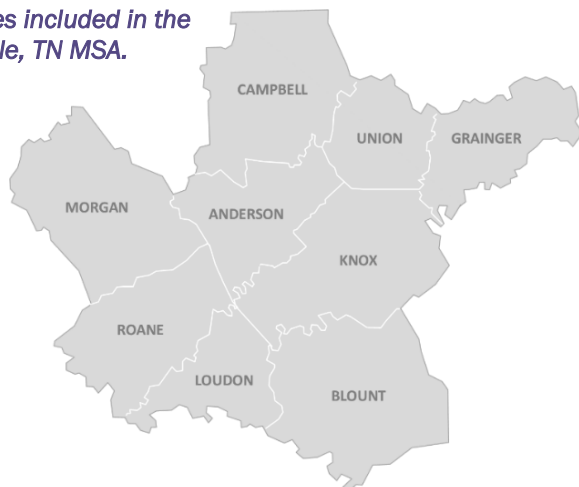
## WHAT IS THE CPRG PROGRAM?

The EPA **Climate Pollution Reduction Grant (CPRG)** program, authorized under Section 60114a of IRA, provides \$250 million in grants to states, local governments, tribes, and territories to develop plans for reducing greenhouse gas (GHG) emissions and other harmful air pollution.

## CPRG CLIMATE PLANNING

The City of Knoxville was awarded a one million dollar planning grant to lead the CPRG planning effort for the **Knoxville Metropolitan Statistical Area (MSA)**, which includes nine counties in Tennessee. Knoxville Regional Transportation Planning Organization (TPO), which serves as the transportation division of Knoxville-Knox County Planning, is also coordinating with the city to help produce the climate action plans. The state of Tennessee was awarded a separate three million dollar planning grant to develop a plan for the entire state.

*Counties included in the Knoxville, TN MSA.*



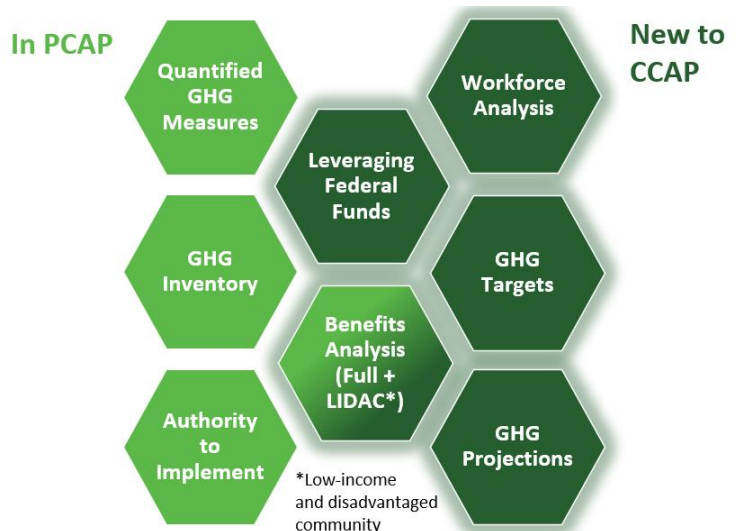
## KNOXVILLE MSA'S PCAP & CCAP

On March 1, 2024, the City of Knoxville submitted its **Priority Climate Action Plan (PCAP)**, which identified a focused list of near-term, high priority, implementation-ready measures to reduce GHG pollution throughout the Knoxville MSA region displayed below.

The next phase of the planning process is to develop a **Comprehensive Climate Action Plan (CCAP)**, which builds off the PCAP by expanding on GHG emission reduction measures in the near- and long-term.

These Climate Action Plans will act as a roadmap for the region to guide future changes in policy, funding, infrastructure, transportation planning, community action, and more.




### Elements of the CCAP

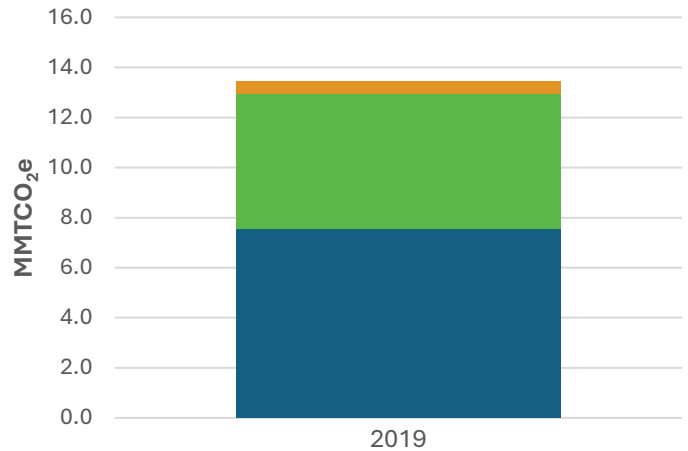


Throughout development of the PCAP and CCAP, the City of Knoxville and TPO are engaging with stakeholders and community representatives throughout the region to ensure that the proposed pathway reflects regional and local perspectives, needs, and existing climate work.

An inventory of the Knoxville MSA's 2019 GHG emissions sources was developed to continue tracking GHG reduction goals and inform the emissions reduction measures identified for the PCAP and CCAP. Gross GHG emissions for the MSA were **13.4 million metric tons of carbon dioxide equivalent (MMTCO<sub>2e</sub>)** in 2019.

## 2019 GHG EMISSIONS SUMMARY

GHG Emission Source	MMTCO <sub>2e</sub>
 Buildings	7.54
 Transportation	5.40
 Waste	0.49



## PCAP GHG REDUCTION MEASURES

The PCAP presented **seven GHG reduction measures** to reduce air pollution and GHG emissions in the MSA. The CCAP will include measures for all sectors, including industry, electricity generation and/or use, transportation, commercial and residential buildings, agriculture, natural and working lands, and waste and materials management.

### Buildings and Energy

1. Implement Energy Efficiency Upgrades in Residential, Commercial, and Public Buildings
2. Electrify Residential, Commercial, and Public Buildings
3. Develop and Invest in Clean and Renewable Energy

### Transportation

4. Expand Electric Vehicle Infrastructure
5. Transition to Electric and Alternative Fuel Vehicles in Public Fleets and Provide Access to Charging or Fueling Infrastructure
6. Expand and Improve Public Transit
7. Boost Active Transportation and the Use of Alternative Transportation Systems

## CPRG TIMELINE

