



Department of
**Environment &
Conservation**

Tennessee Volunteer Emission Reduction Strategy

Kickoff Webinar

Webinar Housekeeping

- Please keep your **camera off** and **remain on mute** throughout the presentation
- You may post **questions or comments in the chat** throughout the presentation
- TDEC will present for about 30 minutes and then take question and public comment
- During the Q&A/public comment portion
 - Post **questions or comments in the chat**

What is TVERS?



Department of
Environment and Conservation



Webinar Agenda



Overview of Emission Reductions



Overview of the Climate Pollution Reduction Grant (CPRG) Program



The Tennessee Volunteer Emission Reduction Strategy (TVERS)



Public and Stakeholder Engagement



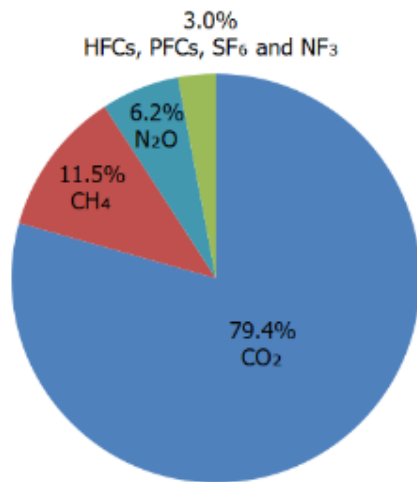
Questions and Comments



Emission Reductions

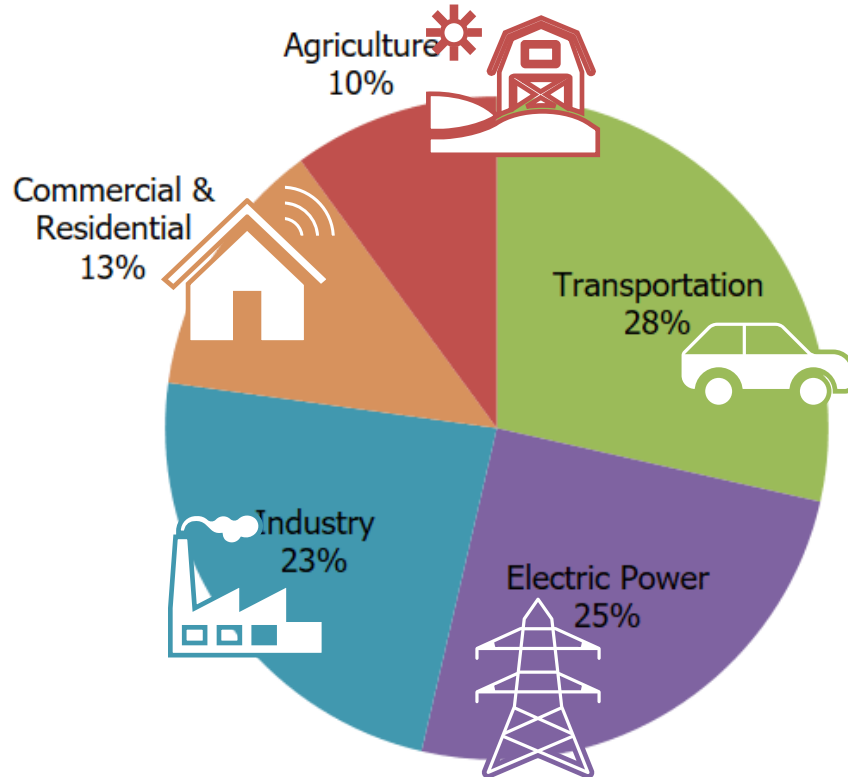
Overview of Emissions

Overview of Greenhouse Gas Emissions



Emissions by Sector

Total U.S. Greenhouse Gas Emissions by Economic Sector in 2021



Note: These data are for the entire United States. Tennessee does not currently have a greenhouse gas emissions inventory.

How are you and your community reducing emissions currently?



Transportation



Electric Power



Industry



Commercial &
Residential



Agriculture



Why Reduce Emissions?



- Cleaner Air
- Improved Public Health
- Opportunity for Economic Investment
- Improved Resiliency
- Reduce Cost Burdens



Overview of Climate Pollution Reduction Grant

EPA's Climate Pollution Reduction Grant Program (CPRG)



- Grants to government entities to develop and implement plans for reducing greenhouse gas emissions and other harmful air pollution

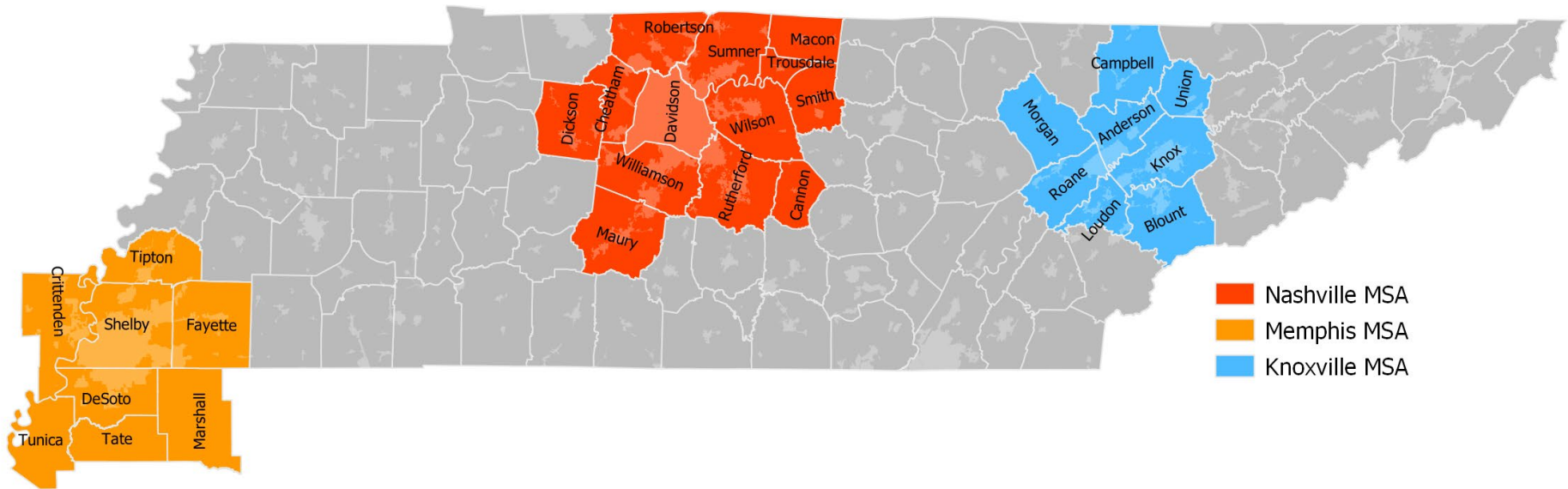
PHASE I:

- **Non-competitive planning grants** to develop climate pollution reduction strategies: \$250 Million

PHASE II:

- **Competitive implementation grants** to fund strategies in plans: \$4.6 Billion

Phase I: Planning Grant (*current focus*)



- State of Tennessee: \$3 million
- Nashville Metropolitan Statistical Area: \$1 million
- Memphis Metropolitan Statistical Area: \$1 million
- Knoxville Metropolitan Statistical Area: \$1 million

Phase I Timeline

✓ March 31, 2023

- Lead organization for each state submit a Notice of Intent to Participate to the US Environmental Protection Agency (EPA)

✓ April 28, 2023

- Lead organization submit a complete application (workplan and budget)

✓ July 1, 2023 – Beginning of Grant Award Period

- EPA Regional Office awarded funds to administer the planning grant

March 1, 2024

- Deliverable 1 (Priority Climate Action Plan) due

Summer 2025

- Deliverable 2 (Comprehensive Climate Action Plan) due

Summer 2027 – End of Grant Award Period

- Deliverable 3 (Status Report) due

Phase II: Implementation Funding

- Competitive funding to states, counties, local governments or other eligible entities **covered by** a plan to implement measures in the Priority Climate Action Plan (PCAP)
- All measures included in the PCAP *should* be eligible for funding (awaiting final language from the Environmental Protection Agency (EPA) which will oversee these grants)
- EPA expects to award grants between \$2 million and \$500 million
 - EPA has indicated that applications will compete against other applications with a similar budget
- EPA expects to announce details in September 2023, with applications due April 2024

Planning Grant Deliverables

Deliverable 1



Priority Climate Action Plan (PCAP)

- Due **March 1, 2024**
- Near-term, implementation-ready, **priority greenhouse gas (GHG) reduction measures**
- **Prerequisite** for implementation grant

Deliverable 2



Comprehensive Climate Action Plan (CCAP)

- Due in **2025** (later for tribes and territories)
- **All sectors** / significant GHG sources and sinks
- **Near- and long-term** GHG emission reduction goals and **strategies**

Deliverable 3



Status Report

- Due in **2027** (N/A for tribes or territories)
- **Updated** analyses and plans
- **Progress and next steps** for key metrics



Tennessee Volunteer Emission Reduction Strategy

TDEC's Approach to Phase I



Go to TN.gov

Search Environment



Program Areas ▾ Permitting ▾ Public Participation About ▾ Contact ▾ Calendar of Events American Rescue Plan (ARP) News

Tennessee Volunteer Emission Reduction Strategy

The Tennessee Volunteer Emission Reduction Strategy (TVERS) is an emissions reduction plan currently being developed by the Tennessee Department of Environment and Conservation (TDEC) with support from various partners. This plan is funded through the U.S. Environmental Protection Agency's (EPA) [Climate Pollution Reduction Grant](#) (CPRG) program, which was established in the Inflation Reduction Act of 2022 (IRA). Through this program, funding is being provided to states, local governments, air pollution control agencies, tribes, and territories to develop and implement plans for reducing greenhouse gas (GHG) emissions and other harmful air pollutants. Tennessee is one of 47 states that accepted [allocated funding](#) to participate in this federally funded initiative, with TDEC as the state grant recipient. As part of this program, TDEC will work closely with the three municipalities in Tennessee who also received funding: Nashville, Memphis, and Knoxville.

More information is available in TDEC's approved [workplan](#). TDEC will continue to update this webpage as more information becomes available.



About the Tennessee Volunteer Emission Reduction Strategy (TVERS)

Phase I: Planning (current)

During the first phase of TVERS, TDEC is developing statewide action plans that prioritize actions to reduce GHG emissions and harmful air pollution. These plans are being developed in consultation with relevant stakeholder groups, including state agencies, local governments, private industry, nonprofit organizations, and the public. The key deliverables to be developed in this phase include:



TDEC's Coordination and Engagement

- Interagency and Intergovernmental Coordination

Emission
Reduction
Planning
Advisory
Committee
(ERPAC)

Coordinat-
ion with
Local
Governments

Programs
Survey

- Public and Stakeholder Engagement

Kickoff
Webinar
(Virtual)

Public
Meetings
(In Person)

Website and
Email Listserv

Public Survey

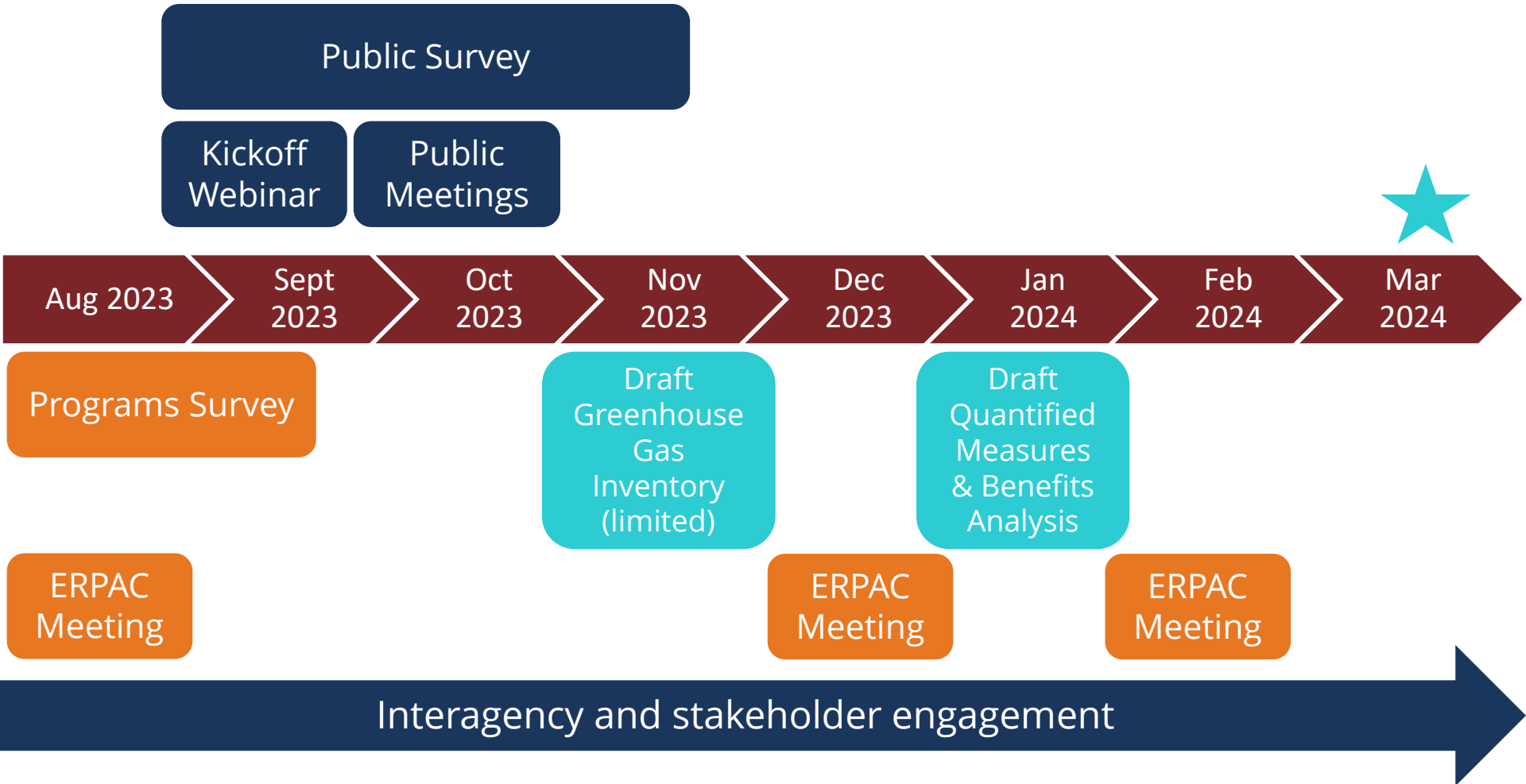
Advisory Committee Members



TENNESSEE MANUFACTURERS ASSOCIATION



Deliverable 1 Timeline





Public and Stakeholder Engagement

Public and Stakeholder Engagement

Goal: Engage with the public to gain insight on emission reduction priorities, opportunities, and challenges.

Occurring Fall/Winter 2023

- Communication Tools
- Public Survey
- Public Meetings Schedule

Communication Tools

The screenshot shows the website tn.gov/environment/policy/tvers. The page title is "Tennessee Volunteer Emission Reduction Strategy". The content includes a paragraph explaining that the TVERS is an emissions reduction plan developed by the Tennessee Department of Environment (TDEC) with support from various partners, funded through the U.S. Environmental Protection Agency's (EPA) Climate Pollution Reduction Grant (CPRG) established in the Inflation Reduction Act of 2022 (IRA). It also mentions that Tennessee is one of 47 states that accepted allocated federal funding for this initiative.

Below the text are three image-based links: "Engagement Opportunities", "Advisory Committee", and "Resources".

The "About the Tennessee Volunteer Emission Reduction Strategy (TVERS)" section is partially visible, with "Phase I: Planning (current)" highlighted. A small paragraph below it describes the first phase of TVERS, where TDEC is developing statewide action plans to reduce GHG emissions and harmful air pollution.

Join Our List

Sign up to receive TDEC updates regarding the Tennessee Volunteer Emission Reduction Strategy (TVERS). Please, fill in the following fields and hit submit. Thanks, and welcome!

Email *

Statement of consent:

I consent to receiving email communications *
Consent is required

I consent to having my subscriber engagement tracked and analyzed

Submit

✓ TDEC TVERS

- Inbox 1
- Drafts
- Sent Items
- Deleted Items

TDEC.TVERS@tn.gov

TVERS Email Listserv



Public Survey

Goal: Get insight from the public and stakeholders on emission reduction priorities, opportunities, and challenges. Identify key sectors for input.



Open Until November 15, 2023

Tennessee Volunteer Emission Reduction Strategy

More at: <https://www.tn.gov/environment/policy/tvers>

1 Introduction

Learn more about Tennessee's Emission Reduction Strategy

WELCOME

Share Your Thoughts

The **Tennessee Volunteer Emission Reduction Strategy (TVERS)** is an emission reduction plan currently being developed by the Tennessee Department of Environment and Conservation (TDEC). This survey is designed to collect input from stakeholders and the public about emission reduction opportunities, challenges, and priorities for you and your community.

Introduction [X]

This survey should take approximately 5-10 minutes to complete. Please answer on behalf of yourself or an organization you represent. Thank you for sharing your thoughts.

→ Next

2 EMISSION REDUCTION PRIORITIES

3 ACTIONS AND CONSIDERATIONS

4 MAP MARKERS

5 WRAP UP

TVERS is being developed using grant funding from the Environmental Protection Agency's (EPA) Climate Pollution Reduction Grant (CPRG). This program provides funding for states and large municipalities to develop and implement plans for reducing greenhouse gas emissions and other harmful air pollution.

TN Department of Environment & Conservation

What is a priority, opportunity, and / or challenge in your community?

Public and Stakeholder Meetings

Location	Meeting Details
Chattanooga	September 21, 5:30 pm ET Development Resource Center
Memphis	October 2, 5:30 pm CT Benjamin Hook Public Library
Knoxville	October 16, 5 pm ET East Tennessee History Center
Nashville	October 19, 5:30 pm CT Lentz Public Health Center
Kingsport	October 24, 6 pm ET Meadowview Hotel & Conference Center

Register Today!

TN Volunteer Emission Reduction
Strategy (TVERS) Public Meetings



Get in Touch



tn.gov/environment/policy/tvers.html



tdec.tvers@tn.gov



[Signup for our listserv](#)

Questions or Comments?

*Access TDEC's
Public Survey*



#193046

*TVERS Email
Listserv Sign-Up*



If you would like to ask a question or make a comment...

- Post **questions or comments in the chat**
- **For those dialing in...**
 - At the appropriate time, unmute your device
 - **Introduce yourself** and **ask your question** or **make your comment**
 - Please keep your question or comment to no more than **3 minutes**