



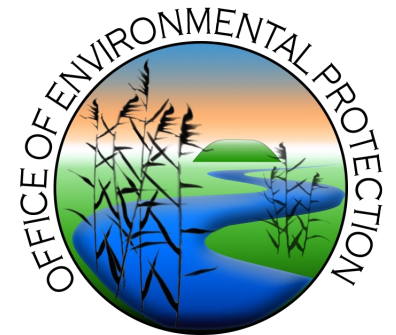
Clean Air Mississippi Project (CAMP)

Funded by the Climate Pollution Reduction Grant

Performed in Collaboration with the Mississippi Band of Choctaw Indians



MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY



MISSISSIPPI BAND OF CHOCTAW INDIANS

Agenda

- Overview of the Clean Air Mississippi Project (CAMP)
- Questions and comments
- Discussion with partners:
 - What complementary activities do you have underway or planned?
 - Is your agency interested in pursuing a grant?
 - Do you have any data and/or literature to help support the planning effort?



The Team

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- Office of Environmental Protection

Tetra Tech – Contractor

- Beyond Communications – Outreach



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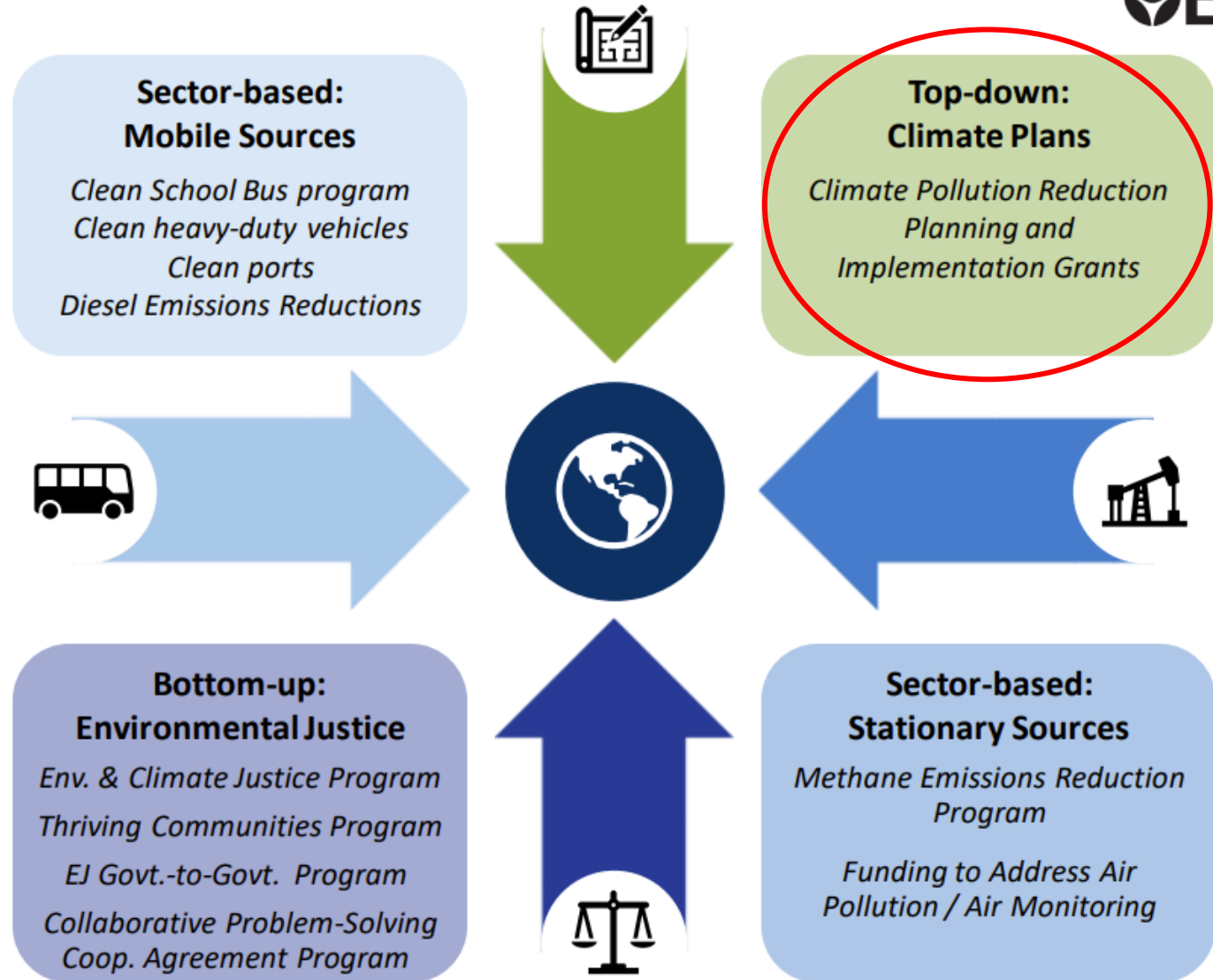


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TETRA TECH

IRA Funding Directed to EPA to Address Climate Change



CPRG Planning Grant

- \$250 million for non-competitive grants to states, locals, and tribes
- 46 States, Puerto Rico, and D.C. applied for and received \$3 million
- About 80 metropolitan areas received \$1 million (none in MS)
- MS Band of Choctaw Indians also received a grant



The Deliverables

“Priority Climate Action Plan”

- Simplified GHG inventory for the state
- Near-term, high priority, implementation-ready GHG-reduction measures
- Benefits analysis for low-income and disadvantaged communities (LIDAC)

“Comprehensive Climate Action Plan”

- Comprehensive GHG inventory, including projections and reduction targets
- Benefits analysis for state and LIDAC
- Workforce development analysis
- Near-term and long-term GHG reduction measures needed to achieve goals

Status Report

- Status of CCAP plan implementation
- Parties responsible for achieving measures under development
- Updates to benefits analyses and workforce development

CPRG Implementation Grant

General Competition

- 30-115 individual grants.
- \$2 million to \$500 million tiered awards.
- No cost share or match required.
- Measures (projects, programs, etc.) in the implementation grant application must be identified in the PCAP.
- EPA plans to prioritize measures by emissions reductions and benefits to LIDAC.

Timeline

- September 20, 2023: Notice of Funding Opportunity released.
- April 1, 2024: Due date of the application.
- July 2024: Anticipated funding selection.
- October 2024: Anticipated awards.
- Period of Performance: 5 years

Eligible Entities for Implementation Funding

- State agencies, local government, tribes, and territories
 - Coalition – multiple eligible entities, with one designated lead
 - Partners – universities, NGOs, private companies (can be subrecipient)
- Limit – one application per eligible entity + one application as lead of a coalition

Table 1: Grants Ranges and Funding by Tier

Tier	Grant Ranges	Funds Targeted for Each Tier	Anticipated Number of Grants to be Awarded
Tier A	\$200,000,000 – \$500,000,000	\$2 billion	4-10
Tier B	\$100,000,000 – \$199,999,999	\$1.3 billion	6-13
Tier C	\$50,000,000 – \$99,999,999	\$0.6 billion	6-12
Tier D	\$10,000,000 – \$49,999,999	\$0.3 billion	6-30
Tier E	\$2,000,000 – \$9,999,999	\$0.1 billion	10-50

Evaluation Criteria for CPRG Implementation Grants *(total = 250 pts)*

Overall Project Summary and Approach	Impact of GHG Reduction Measures	Environmental Results – Outputs, Outcomes, and Performance Measures	Low-Income and Disadvantaged Communities	Job quality	Programmatic Capability and Past Performance	Budget and Timely Expenditure of Grant Funds
Description of GHG Reduction Measures (20 pts)	Magnitude of GHG Reductions, 2025 - 2030 (20 pts)	Expected Outputs and Outcomes (10 pts)	Community Benefits (25 pts)		Past Performance (10 pts)	Budget Detail (20 pts)
Demonstration of Funding Need (10 pts)	Magnitude of GHG Reductions 2025 - 2050 (10 pts)	Performance Measures and Plan (10 pts)	Community Engagement (10 pts)		Reporting Requirements (10 pts)	Expenditure of Awarded Funds (15 pts)
Transformative Impact (15 pts)	Cost Effectiveness of GHG Reductions (15 pts)	Authorities, Implementation Timeline, and Milestones (10 pts)			Staff Expertise (10 pts)	Reasonableness of Cost (10 pts)
	Documentation of GHG Reduction Assumptions (15 pts)					
45 pts	60 pts	30 pts	35 pts	5 pts	30 pts	45 pts

The Focus Areas

Greenhouse Gas Sectors

- Electric Power
- Transportation
- Industry
- Buildings
- Agriculture
- Waste, Water and Sustainable Materials
- Carbon Removal (Sinks)

Mississippi Greenhouse Gas Emissions (% Contribution) by Sector (2020)	
Power	33.5%
Transportation	28.5%
Industry	20.5%
Agriculture	9.9%
Commercial	5.1%
Residential	2.5%
Land use/forestry	-76%

Examples of GHG Reduction Measures



Electric Power – targeted incentives for installation of renewable energy and energy storage systems, development of distributed community-scale renewable energy generation or microgrids



Transportation – programs to increase share of electric vehicles and expand EV charging infrastructure, electrification of fleets



Industry – programs incentivizing implementation of energy efficiency measures, electrification of equipment



Buildings – adoption of most up-to-date building energy codes, incentive programs for purchase of energy-efficient appliances, HVAC, lighting, etc., electrification of buildings, pre-weatherization and weatherization of buildings



Agriculture and Carbon Sinks– incentives to reduce nitrous oxide emissions from fertilizer application, urban afforestation and green infrastructure programs and projects



Waste, Water, and Sustainable Materials – standards to reduce methane emissions from landfills and wastewater treatment, installation of renewable energy and energy efficiency measures at wastewater treatment facilities

MDEQ needs your
help

Input Needed

Any projects, programs, or policies that reduce greenhouse gases

Extent of current funding and/or expected future funding for these measures

Gaps in funding

- Amount
- Training
- Staffing
- Equipment

Example Measure: Expand Electric Vehicle Infrastructure



What is the extent of current and future funding?

MDOT – National Electric Vehicle Infrastructure Formula Program and Carbon Reduction Program funded by Bipartisan Infrastructure Law
MDEQ – Volkswagen Environmental Trust Funds
EPA – Clean Heavy Duty Vehicle Program funded by IRA



Where are the gaps in funding?

NEVI only addresses large corridors / interstates
No workforce training funds provided



Are there positive impacts on low income and disadvantaged communities?

Reduction to other air pollutants
Increased/sustained tourism



Are there workforce training needs?

Installation and maintenance of charging infrastructure
Dept of Ag and Commerce – equipment and training
Fire Academy – equipment and training for addressing EV incidents

How can you participate?

1

Email comments,
questions, and data to
camp@mdeq.ms.gov

2

Coordinate with MDEQ's
Air Division, Emissions
Inventory & Attainment
Planning
601-961-5561
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3

Visit the project website
for more information

Coming Soon!

Q&A

What complementary activities do you have underway or planned?

Is your agency interested in pursuing a grant?

Do you have any data and/or literature to help support the planning effort?