

CPRG Implementation Grants Competition COVER PAGE FOR APPLICATION

APPLICANT INFORMATION

Organization: Metroplan

Primary Contact Name: Casey Covington

Phone Number: 501-372-3300

Email Address: ccovington@metroplan.org

TYPE OF APPLICATION

☐ Individual Applicant

☒ Lead Applicant for a Coalition

Coalition members include:

Metroplan, City of Fort Smith, and Northwest Arkansas Regional Planning Commission

FUNDING REQUESTED: \$99,999,999.00

APPLICATION TITLE: Energy and Environment Innovation for the Natural State

BRIEF DESCRIPTION OF GHG MEASURES:

1. Green Networks

The coalition proposes to implement projects that sequester carbon and reduce transportation emissions by protecting and restoring natural infrastructure cores and corridors and increasing access to active transportation and transit. The measure focuses on connecting low-income and disadvantaged communities (LIDACs) to jobs, education, and essential services through safe and convenient access to bicycle-pedestrian facilities, e-bike rebates, and natural places.

2. Transportation Efficiency

The coalition proposes to incentivize conversion of streetlights to more efficient LED technologies, transition of public fleet vehicles to all-electric equivalents, and deployment of public and fleet electric vehicle charging. This measure focuses on reducing fossil-fuel energy use from the transportation system and ensuring equitable access to incentivized infrastructure.

3. Building Efficiency

The coalition proposes to pilot innovative funding solutions to reduce energy consumption in buildings by establishing a revolving, low-interest loan fund for small Property Assessed Clean Energy (PACE) projects in LIDAC communities and providing small grants to reduce barriers to taking advantage of the state's Energy Savings Performance Contracting (ESPC) laws. The coalition proposes to directly fund the construction of a geothermal facility at the Little Rock National Airport and an 850kW DC solar array at a public housing facility in Fort Smith.

SECTORS:

- | | |
|--|---|
| <input type="checkbox"/> Industry | <input checked="" type="checkbox"/> Commercial and Residential Buildings |
| <input checked="" type="checkbox"/> Electricity Generation | <input checked="" type="checkbox"/> Agriculture/Natural and Working Lands |
| <input checked="" type="checkbox"/> Transportation | <input type="checkbox"/> Waste and Materials Management |
| <input type="checkbox"/> Other (please describe) | |

EXPECTED TOTAL CUMULATIVE GHG EMISSION REDUCTIONS

Estimated cumulative GHG reductions for 2025-2030 (in metric tons): 261,782 mt CO₂e

Estimated cumulative GHG reductions from 2025-2050 (in metric tons): 1,071,188 mt CO₂e

LOCATIONS: Little Rock-North Little Rock-Conway, AR MSA, Fayetteville-Springdale-Rogers, AR MSA, Fort Smith, AR-OK MSA

APPLICABLE PRIORITY CLIMATE ACTION PLAN(S) (PCAP) REFERENCES

PCAP Lead Organization(s): Arkansas Department of Energy and Environment

PCAP Title: Arkansas Energy and Environment Innovation Plan

PCAP Website link(s): <https://www.adeq.state.ar.us/air/planning/eei/ap/#priority>

The three organizations represented in this coalition application were regional subrecipients of the Arkansas Department of Energy and Environment's CPRG planning grant. Each MSA provided regional Priority Climate Action Plan supplements for inclusion in the state PCAP.

List of GHG reduction measures and Arkansas Energy and Environment Innovation (EEI) PCAP page references:

Measure	Arkansas Energy and Environment Innovation Plan Section and Page Numbers
Green Networks	Central Arkansas EEI Priority Action Plan Supplement, page 10-16 Northwest Arkansas EEI Priority Action Plan Supplement, pages 1-5, 8-12 City of Fort Smith EEI Priority Action Plan Supplement, pages 5-10, 15-20
Transportation Efficiency	Central Arkansas EEI Priority Action Plan Supplement, page 16-23 Northwest Arkansas EEI Priority Action Plan Supplement, page 1-5 City of Fort Smith EEI Priority Action Plan Supplement, pages 5-10
Building Efficiency	Arkansas Energy and Environment Innovation Priority Action Plan, page 49 Central Arkansas EEI Priority Action Plan Supplement, page 23-32 Northwest Arkansas EEI Priority Action Plan Supplement, pages 12-18 City of Fort Smith EEI Priority Action Plan Supplement, page 21-24