

**CPRG Implementation Grants Competition
COVER PAGE FOR APPLICATION**

APPLICANT INFORMATION

Organization: Arkansas Department of Energy and Environment - Division of Environmental Quality

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TYPE OF APPLICATION

☐ Individual Applicant

☒ Lead Applicant for a Coalition

Coalition members include:

Arkansas Department of Energy and Environment - Division of Environmental Quality and Oklahoma
Department of Environmental Quality

FUNDING REQUESTED: \$81,750,072.94

APPLICATION TITLE: Arkansas and Oklahoma Clean Transportation Connection

BRIEF DESCRIPTION OF GHG MEASURE:

Reducing emissions of air pollution and increasing transportation fuel choice through the deployment of clean transportation infrastructure and vehicles

The Arkansas Department of Energy and Environment's Division of Environmental Quality (AR DEQ) and Oklahoma Department of Environmental Quality (OK DEQ) propose to incentivize the installation and operation of hydrogen fueling and electric vehicle charging infrastructure for heavy-duty vehicles on the US Highway 412 corridor in Arkansas and Oklahoma and Interstate 40 in Arkansas. The agencies further propose to incentivize the replacement of heavy-duty diesel trucks with fuel-cell and battery-electric equivalents and to build state capacity to evaluate and further support the deployment of hydrogen fueling and electric vehicle charging options and necessary workforce across the states.

SECTORS:

☐ Industry

☐ Commercial and Residential Buildings

☐ Electricity Generation

☐ Agriculture/Natural and Working Lands

☒ Transportation

☐ Waste and Materials Management

☐ Other (please describe)

EXPECTED TOTAL CUMULATIVE GHG EMISSION REDUCTIONS (

Estimated cumulative GHG reductions for 2025-2030 (in metric tons): 41,536 metric tons CO₂e

Estimated cumulative GHG reductions from 2025-2050 (in metric tons): 278,884 metric tons CO₂e

LOCATIONS: US Highway 412 transportation corridor between Tulsa, Oklahoma and Springdale, Arkansas, and Interstate 40 corridor in Arkansas

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

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

PCAP Title(s): Arkansas Energy and Environment Innovation Plan Priority Action Plan and Oklahoma's Priority Action Plan

PCAP Website link(s) (if applicable):

<https://www.adeg.state.ar.us/air/planning/eei/>

<https://www.deq.ok.gov/air-quality-division/CPRGOK/>

List of GHG reduction measures and PCAP page reference for each measure:

Measure	PCAP Title(s) and Page Numbers
Reducing emissions of air pollution and increasing transportation fuel choice through the deployment of clean transportation infrastructure and vehicles	Arkansas Energy and Environment Innovation Plan Priority Action Plan, page 17, Appendix C page 42 and 43; Oklahoma's Priority Action Plan, pages 11 – 14