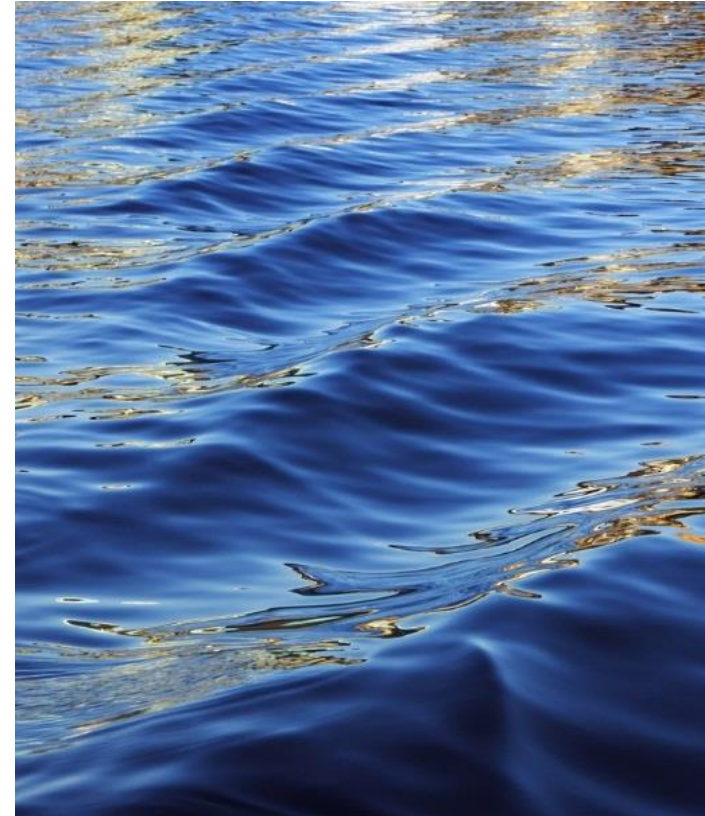


Oklahoma's Climate Pollution Reduction Grant

Community Engagement Meeting
DEQ Multipurpose Room
October 2, 2024



Climate Pollution Reduction Grant (CPRG)

- **Welcome**
- **Introductions**
- **Grant Background**
 - **Funded by the Inflation Reduction Act - BILLIONS of dollars to create a Clean Energy Economy**
 - **June 2023 DEQ Received \$3M for planning pollution reduction solutions**

CPRG – EPA Objectives & Goal

- **EPA's Objectives**

- Tackle damaging pollution while supporting the creation of good jobs and lowering energy costs for families
- Accelerate work to address environmental injustice and empower community driven solutions in overburdened neighborhoods
- Deliver cleaner air by reducing harmful air pollution in places where people live, work, play, and go to school

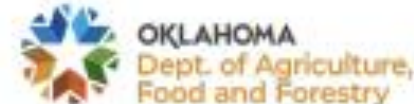
- **EPA's Goal**

- Help transition America equitably to a low-carbon economy

Community Engagement



- First Public Outreach August 30, 2023
- Road Show November/December 2023
- Public Outreach October 2, 2024
- Tribal meetings August 30, 2023 & October 2, 2024
- Engaged with & special thanks to:



What are Greenhouse Gases?

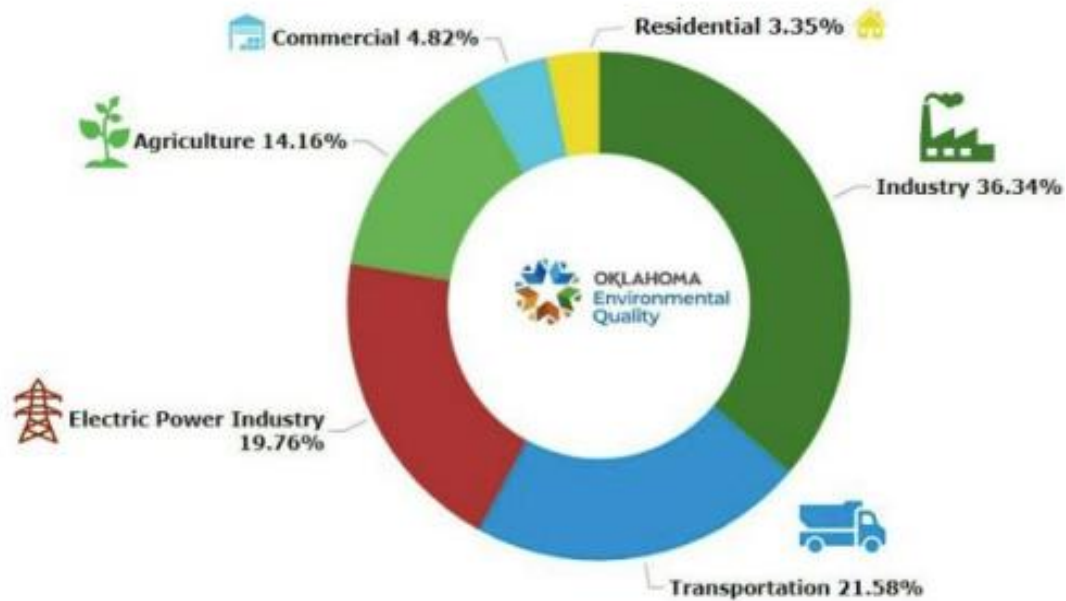
Greenhouse gases (GHGs) are gases in Earth's atmosphere that trap heat. They let sunlight pass through the atmosphere, but they prevent the heat that the sunlight brings from leaving the atmosphere. The main greenhouse gases are:

- Carbon dioxide (CO₂)
- Methane (CH₄)
- Nitrous oxide (N₂O)
- Fluorinated gases

Climate
Pollution
Reduction
Grant
OKlahoma



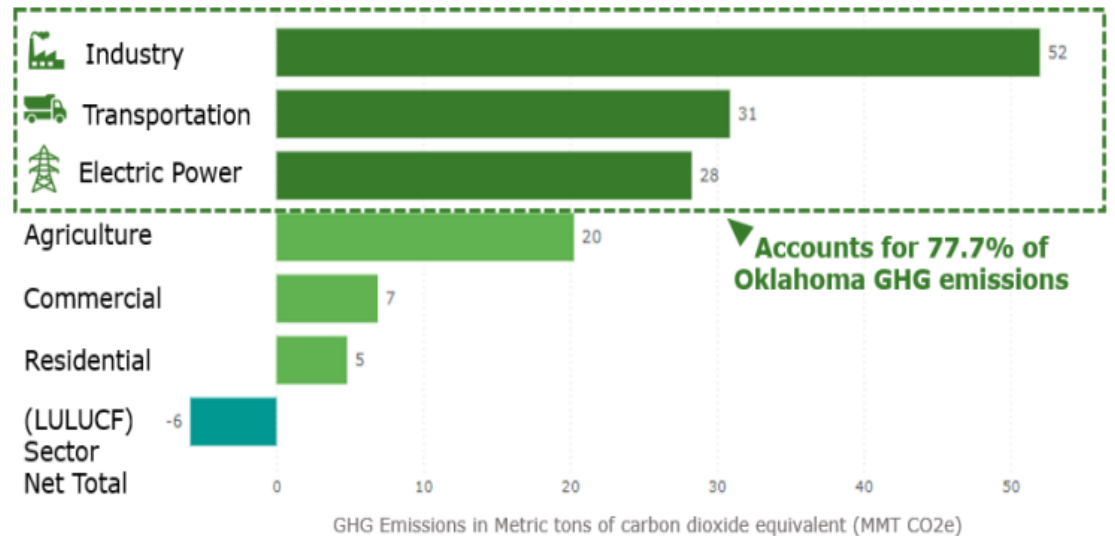
Oklahoma's 2019 Greenhouse Gas Inventory



*2019 Oklahoma GHG emissions in MMT CO₂e by Sector
 **LULUCF: land use, land-use change and forestry -5.87 MMT CO₂e excluded from dataset because it is a carbon sink

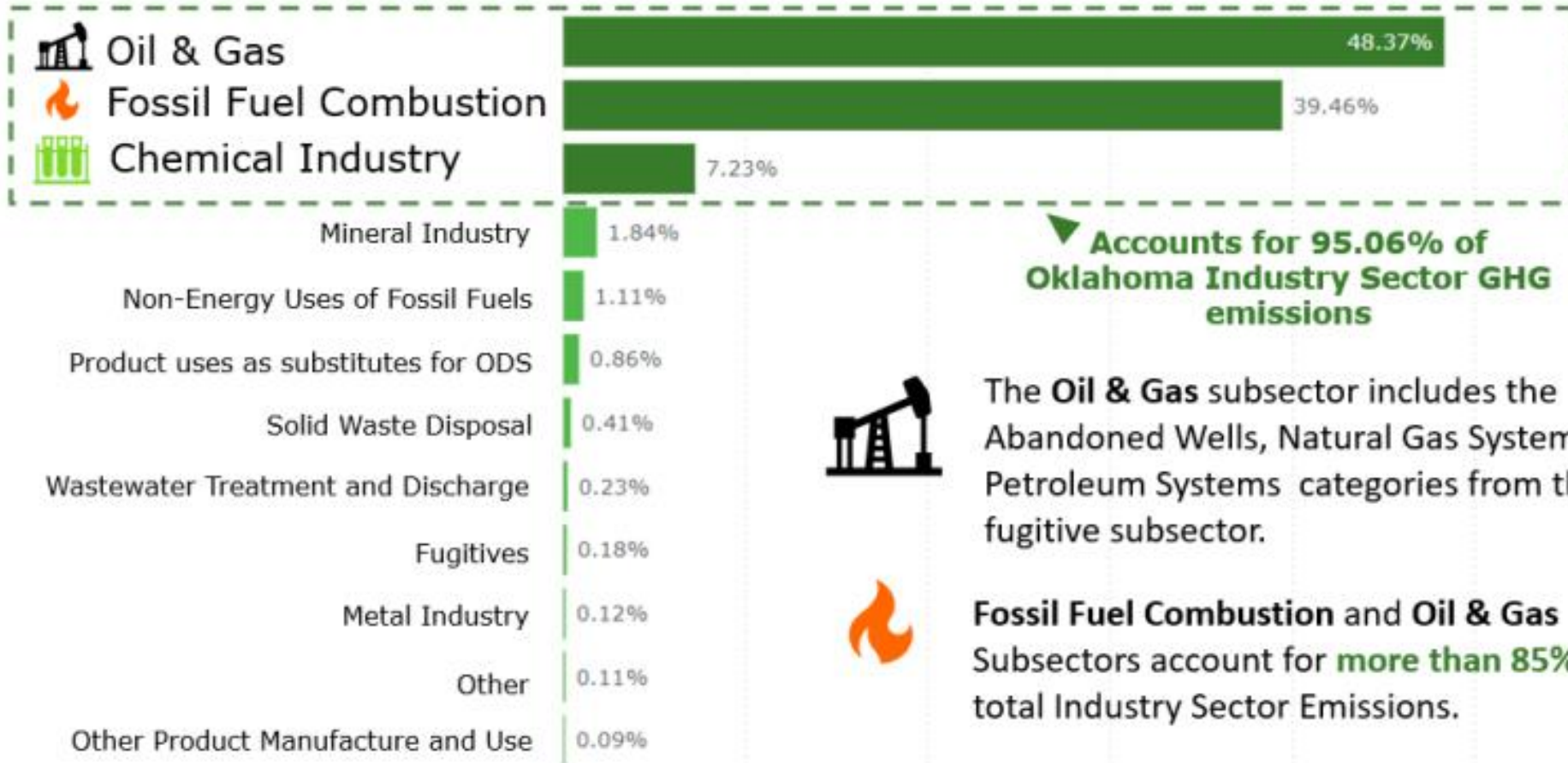
Industry, Transportation, and Electric Power Generation More than 75% of 2019 GHG Emissions

Top 3 Oklahoma Emissions Sectors



Oklahoma GHG emissions in MMT CO₂e by Sector
 LULUCF: land use, land-use change and forestry
 Data Source: 2019 Oklahoma GHG Emissions - ODEQ

Industry Sector Emissions



Source: Oklahoma DEQ 2019 GHG Emissions Data
Electronics Industry excluded from chart because category had 0% contribution

Methane Study

We want to:

- **Partner with Petroleum Alliance to obtain volunteers**
- **Find & fix approach, no enforcement**
- **Overall: reduce methane emissions, collect sound data, utilize the data in multiple ways**

One planning grant, three deliverables over 4 years

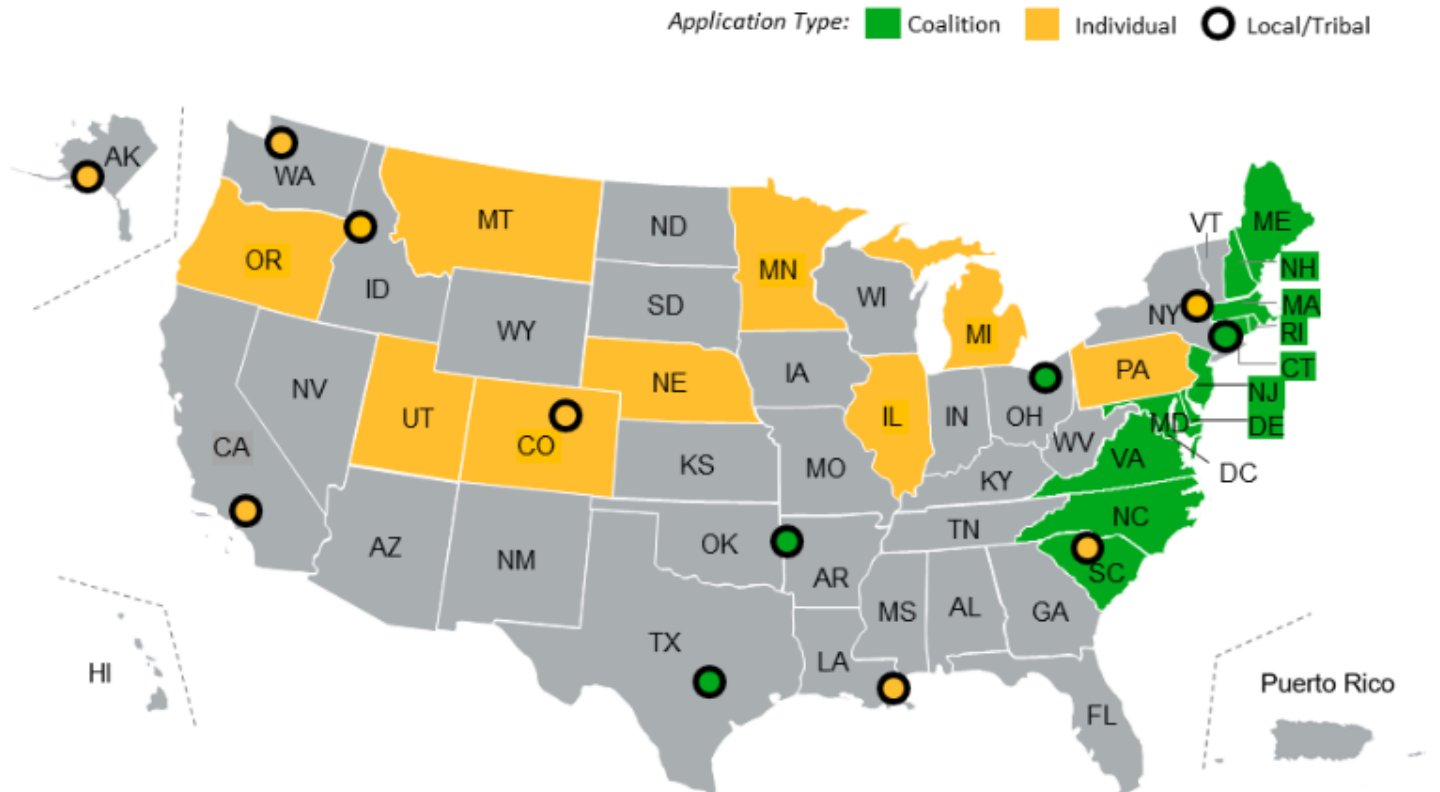
- **Priority Action Plan** **Completed**
 - Comprehensive GHG Inventory
 - Quantified GHG Reduction Measures
 - GHG Emissions Projections
 - Review of Authority to Implement
- **Comprehensive Action Plan** **Due December 1, 2025**
 - GHG Reduction Targets
 - Benefits Analysis
 - Workforce Planning Analysis
 - Low Income/Disadvantaged Communities Benefit Analysis
- **Status Report** **Due June 30, 2027**
 - Above with updates
 - Next Steps/Future Budget and Staffing Needs

EPA's CPRG Implementation Grant Update

Selected Applications

- Oklahoma submitted a state application plus 4 multi-state coalition applications
- ~300 applications nationwide
- \$33B applied for with only \$4.3B available

The 25 selected applications are from 13 state applicants, 11 municipal applicants, and 1 Tribal applicant and will fund projects in 30 states. Eight of the selected applications were submitted by coalitions of multiple entities that will collaborate to implement the proposed projects.



Opportunities Ahead

- **Partnering on Methane Study**
- **Leveraging Alternative Funding**
 - Office of Grants and Funding Resources
 - Federal funding (DOE, EPA, USDOT)
 - Emission Reduction Tech Rebate Program
- **Workforce – All levels**
 - K-12
 - College
 - Career Techs



Closing Remarks

- Sign-up to receive future notices → www.deq.ok.gov/air-quality-division/cprgok
- We'd love to hear about any GHG reduction projects you are doing with or without grant funds
- Comments? Questions?
- You can reach us via CPRGOK@deq.ok.gov

