

Dallas-Fort Worth Air Quality Improvement Plan

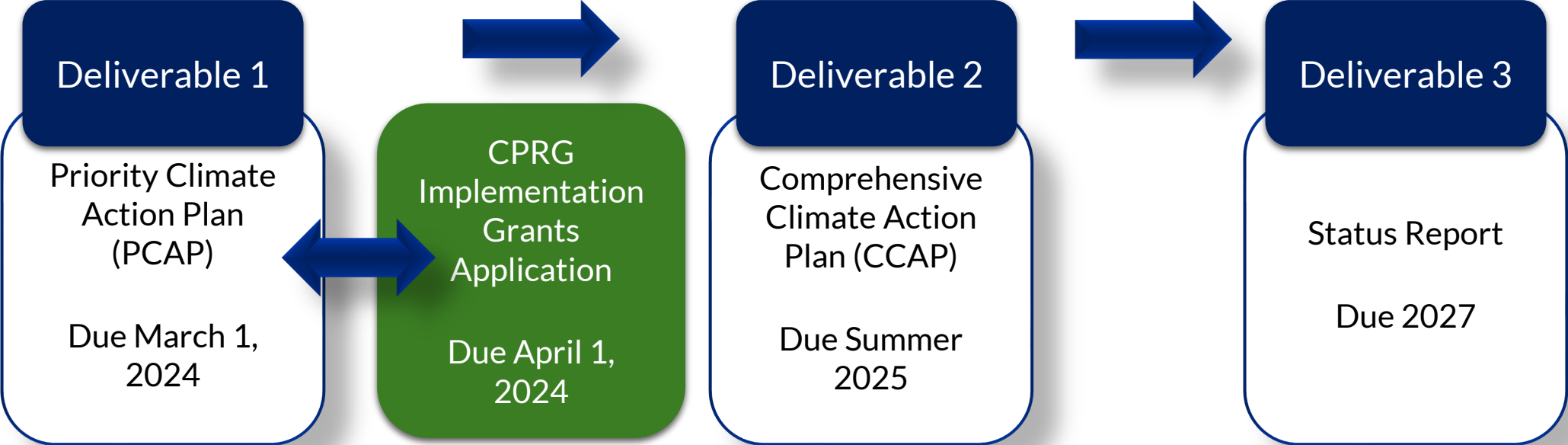
North Central Texas Council of Governments
Savana Nance

3.11.2024

Dallas-Fort Worth Air Quality Improvement Plan

Local governments in the region are collaborating with the North Central Texas Council of Governments (NCTCOG) to develop the **Dallas-Fort Worth (DFW) Air Quality Improvement Plan (AQIP)**

Plan development is supported by funding from the Environmental Protection Agency's (EPA) Climate Pollution Reduction Grants (CPRG): Planning Grants



Regional Context

Ozone Levels Getting Worse

- Federal Standard: 70 parts per billion
- End of 2022 ozone season: 77 parts per billion
- End of 2023 ozone season: 81 parts per billion (preliminary Results)

New State Implementation Plan Revisions

- Reclassification from Serious to Severe Nonattainment for Ozone
- Potential economic impact of Section 185 Fees

New Designations Under Particulate Matter Standards

- New nonattainment designations in Dallas and Tarrant counties

New Federally Required Greenhouse Gas Performance Measures for the Metropolitan Planning Organization

- Required reporting of carbon dioxide (CO₂) emissions, establishment, and compliance to future emission reduction targets



DFW Air Quality Improvement Plan

First deliverable for EPA CPRG Planning Grants

Final DFW AQIP-PCAP available at www.publicinput.com/dfwAQIP

Plan Element	Included?
Greenhouse Gas (GHG) Inventory	Required ✓
GHG Emissions Projections	Not Required ✗
GHG Reduction Targets	Not Required ✗
Quantified GHG Reduction Measures	Required (priority measures only) ✓
Benefits Analysis	Encouraged ✓
Low Income/Disadvantaged Communities Benefits Analysis	Required ✓
Review of Authority to Implement	Required ✓
Identify other Available Funding	Encouraged ✓
Workforce Planning Analysis	Encouraged ✗
Next Steps/Future Budget Needs	Not Required ✓



Process to Select Measures for PCAP

Brainstorm Measures

3 Workshops to Identify Strategies to Improve Air Quality
7 Meetings with Collaborating Agencies/Local Governments
1 Workshop with Entities Subject to Section 185 Fees
~60 Responses to Survey for Implementing Agencies

Refine Measures

~280 Responses to Public Survey
~9 Public Meetings
Local Governments Submit Proposed Measures and
Project Scopes

Finalize Measures



DFW AQIP Measures

Transportation Sector

- Clean Vehicles and Transportation Energy Efficiency
- Congestion Management
- Sustainable Development
- Transit

Energy Sector Energy Demand Management Program

Water, Wastewater, and Watershed Management

Watershed Management

- Water and Wastewater Treatment Infrastructure
- Wastewater Infrastructure
- Water Resources

Waste Management (Solid Waste)

- Materials Management

Agriculture/Forestry/Land Use

- Green Space and Land Use
- Forestry
- Agriculture
- Regional Codes

Cross-Sector Workforce Development

- Education and Outreach

If all measures are fully implemented, estimated annual reductions are:

- ~700 metric tons of CO₂e
- ~400 metric tons of Oxides of Nitrogen
- ~67 metric tons of Volatile Organic Compounds



DFW AQIP Community Benefits

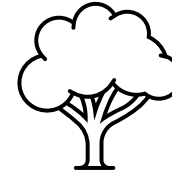
Community Benefits: Other benefits beyond air quality improvements that will occur because of implementation of measures



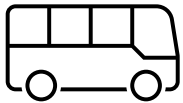
Improved Health and Well-Being



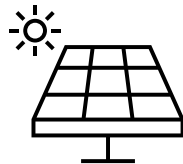
Reduced Costs



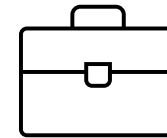
Green Spaces and Community Beautification



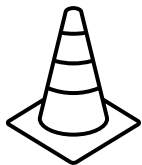
Increased Access to Service and Amenities



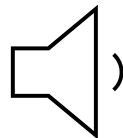
Increased Resiliency and Adaptability



Job Creation and Economic Development



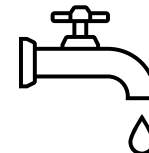
Increased Safety



Reduced Noise Pollution



Increased Awareness and Engagement

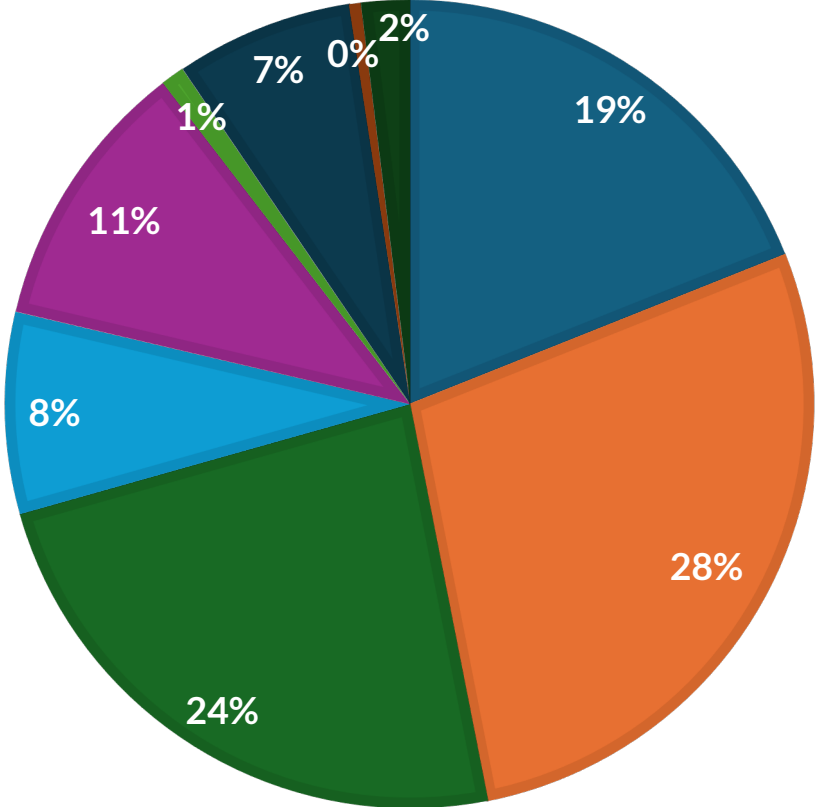


Water Conservation



Public Engagement: Key Takeaways

Respondents Biggest/Number 1 Concern



- Public Health
- Local Air Quality
- Climate Change
- Extreme Weather Events
- Rising Energy Costs
- Food Access
- Lack of Public Transportation
- Job Access
- Other



Public Engagement: Key Takeaways

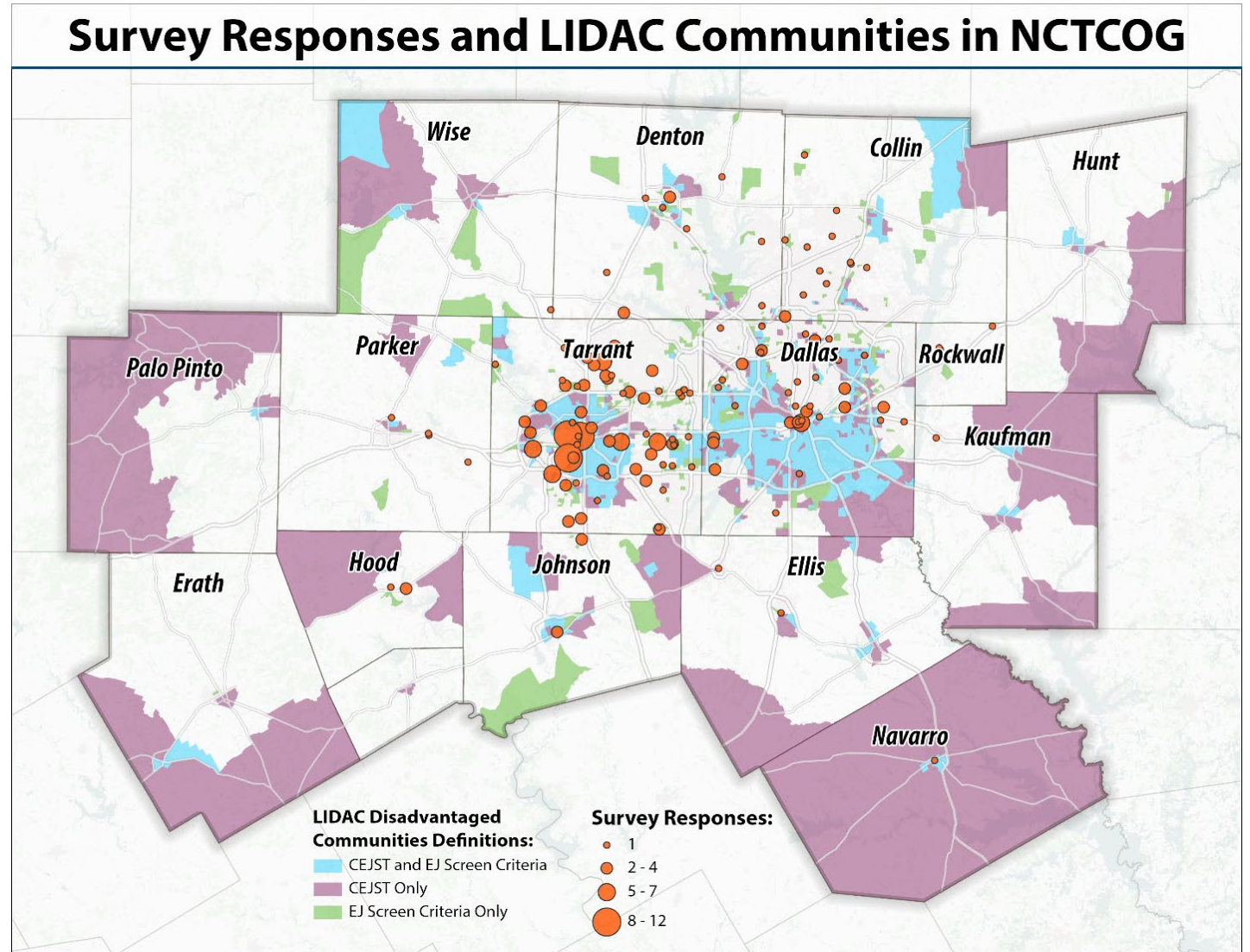
~280 responses

45% of respondents in our region represent a low-income or disadvantaged community

~20 responses were outside of our region

12 counties represented

~400 comments in open text fields



For More Information

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