

Dallas-Fort Worth Air Quality Improvement Plan

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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)**

- Regional plan to improve air quality in North Texas



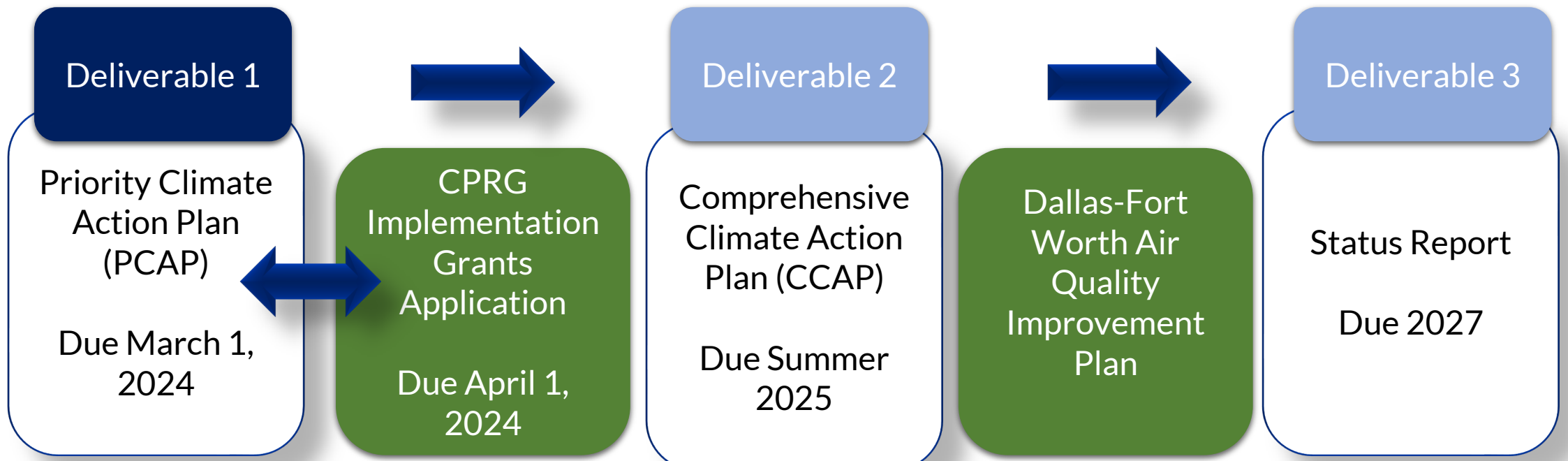
Background on Planning Grant

Funding:

\$1 million in Environmental Protection Agency (EPA) Funds from Climate Pollution Reduction Grant (CPRG) Planning Grants Program (www.epa.gov/inflation-reduction-act/about-cprg-planning-grant-information)

Goal:

Develop and implement plans to reduce greenhouse gases (GHGs) and other pollutants of local concern North Central Texas Council of Governments (NCTCOG) serving as lead for North Texas region



Planning Grants Deliverable 1: Priority Climate Action Plan

“A narrative report focused on near-term high-priority, implementation-ready measures to reduce GHG pollution and an analysis of GHG emissions reductions that would be achieved through implementation.” - [CPRG Planning Grants Guidance](#)

Task	Description	Completion Date
GHG Emissions Inventory	Calculate the GHGs produced in the 16 counties in North Texas	January 2024
Quantified GHG Reduction Measures	Identify short-term projects, programs, and policies to reduce GHG emissions (targeting emissions benefits in 2025-2030) Quantify the benefits of projects, programs, and policies	January 2024
Low-Income/Disadvantaged Communities (DACs) Benefits Analysis	Calculate the potential benefits to disadvantaged communities through the deployment of GHG reduction measures	February 2024
Review of Authority to Implement	Review GHG reduction measures to ensure they can be implemented <i>NCTCOG anticipates measures will be voluntary/incentive</i>	February 2024
Funding Analysis	Identify funding to implement the GHG reduction measures	February 2024



Climate Pollution Reduction Grants: Implementation Grants

Will Provide Funding to Implement Strategies Included in PCAPs Submitted under Planning Grants

Any measures that improve air quality are likely eligible

Competition Incentivizes Collaborative Applications

30-115 awards anticipated nationwide

Scoring based on cumulative benefits of proposed initiatives

Environmental Protection Agency (EPA) will not award multiple grants for the same initiative in the same area

EPA anticipates no more than 2 awards to applicants at same level of government within a certain area

Tier	Grant Ranges	Funds Targeted for Each Tier	Anticipated Number of Grants to be Awarded
Tier A	\$200M - \$500M	\$2B	4-10
Tier B	\$100M - \$199M	\$1.3B	6-13
Tier C	\$50M - \$99M	\$.6B	6-12
Tier D	\$10M - \$49M	\$.3B	6-30
Tier E	\$2M - \$9.9M	\$.1B	10-50



Proposed Measure Prioritization

Measure can be:

- **Regional** - Implemented by NCTCOG on behalf of the region
- **Local** - Implemented by local governments
- **Other** - Implemented by other organizations (e.g., utilities, private companies, etc.)

CPRG Deliverable 1 Measures

Reduces GHGs and Criteria Pollutants

Reflects Regional Interest

Benefits DACs

Is Voluntary or Reflects State Regulation

Can be Implemented in 2025

Implementation Grants Measures

Reduces GHGs and Criteria Pollutants

Reflects Regional Interest

Benefits DACs

Is Voluntary or Reflects State Regulation

Can be Implemented in 2025

Funds a Strategy for Which Other Funding is Unavailable or Insufficient

Is Cost-Effective

Advances Decarbonization

Is Innovative

CPRG Deliverable 2 Measures

Reduces GHGs and Criteria Pollutants

Reflects Regional Interest

Benefits DACs

Is Voluntary or Reflects State Regulation

No Implementation Deadline

Supports Air Quality Improvement Goals (Targets)



What Can You Do To Improve Air Quality



SOLID WASTE

- Increase the amount of waste that is recycled or composted
- Use less single-use products



WATER

- Use drought-tolerant plants and grass
- Reuse water when possible
- Fix water leaks



TRANSPORTATION

- Choose the most efficient vehicle
- Minimize idling
- Utilize public transportation
- Carpool to work
- Utilize the Try Parking It app to get rewards for carpooling and working remote
- Ride bicycles and walk, when possible



ENERGY

- Install solar panels at your residence
- Invest in smart meters to track how much energy is being used
- Purchase renewable electricity
- Install energy efficient home appliances



What Can Organizations Do To Improve Air Quality



TRANSPORTATION

- Upgrade railways to reduce idling and congestion
- Allow workers to commute during less congestion times or work remote
- Add shade to bike lanes and sidewalks
- Provide more public transit
- Provide incentives for more vehicles that emit less air pollutants



ENERGY

- Update building codes
- Provide rebates for smart meters to residents
- Purchase renewable electricity
- Install more energy efficient appliances



WATER

- Install smart manhole covers
- Provide rebates for smart water meters to residents
- Implement nature-based solutions to help with stormwater
- Increase water reuse practices



What Can Organizations Do To Improve Air Quality



WASTEWATER AND SOLIDWASTE

- Employ energy conservation technology for water treatment facilities
- Capture and re-use landfill gas
- Provide composting and recycling services
- Minimize use of single-use products



AGRICULTURE/ NATURAL AND WORKING LANDS

- Increase tree cover and public green spaces
- Provide community gardens
- Update landscaping ordinances/requirements
- Use drought-tolerant plants



CARBON REMOVAL

- Improve forest management policies
- Urban afforestation and green infrastructure programs
- Restoration of degraded lands and forested lands to enhance carbon sequestration
- Install carbon capture devices



Public Input Opportunities

“Open House” Style Public Meetings

City of Arlington/City of Grand Prairie – January 8, 2024

City of Granbury – January 9, 2024

City of Fate – January 16, 2024

City of Fort Worth – January 18, 2024

Others TBD

Meetings with Nonprofits/Community Groups

Listening Session 1 – November 14, 2024

Virtual Listening Session – January 24, 2024

Presentations at Local Meetings as Requested

Virtual Engagement

Survey on topics of concern and interest

<https://www.publicinput.com/dfwAQIP-survey>

PLAN PARA MEJORAR LA CALIDAD DEL AIRE EN DALLAS-FORT WORTH

¡El North Central Texas Council of Governments (NCTCOG) solicita recomendaciones sobre los proyectos de mejoras en la calidad del aire para tu comunidad!

El NCTCOG está colaborando con las partes interesadas locales en la región de Dallas-Fort Worth para desarrollar un Plan de Mejora para la Calidad del Aire (DFW AQIP por sus siglas en inglés).

¡Se solicita tu aportación y es importante! Visita www.publicinput.com/dfwAQIP para hacer recomendaciones, asistir a una sesión informativa, y más.

ÁREAS DE ENFOQUE:

- Energía**
 - Reducir el uso y costos de energía
 - Facilitar el uso de productos eficientes en energía
 - Mejorar la fiabilidad de la red eléctrica de Texas
 - Generar más energía a partir de fuentes de energía renovables o de bajas emisiones
- Agua, Aguas Residuales, Residuos Sólidos**
 - Mejorar la calidad del agua y reducir las inundaciones
 - Conservar agua
 - Fomentar la expansión local del reciclaje y compostaje
- Transportación**
 - Aumentar el uso de vehículos menos contaminantes, como eléctricos y gas natural
 - Formar comunidades peatonales
 - Proporcionar más opciones de transporte público
 - Construir un sistema de carreteras más eficiente y seguro

North Central Texas Council of Governments
 Este proyecto se financia por Subvenciones para la Reducción de la Contaminación, Cláusula de la Agencia de Protección al Medio Ambiente, Subvenciones de Planificación. Los comentarios por escrito pueden enviarse por correo a Elena Harmsillo, Air Quality Planner, at P.O. Box 3888, Arlington, TX 76009-3888
 @nctcostrans

DALLAS-FORT WORTH AIR QUALITY IMPROVEMENT PLAN

The North Central Texas Council of Governments (NCTCOG) is seeking recommendations on air quality improvement projects for your community!

NCTCOG is collaborating with local stakeholders in the Dallas-Fort Worth region to develop a comprehensive Air Quality Improvement Plan (DFW AQIP). The plan will create a roadmap to improve air quality, protect public health, and reduce the impacts of extreme weather events.

Your input is requested and important! Please go to www.publicinput.com/dfwAQIP to make recommendations, attend an open house, and more.

FOCUS AREAS:

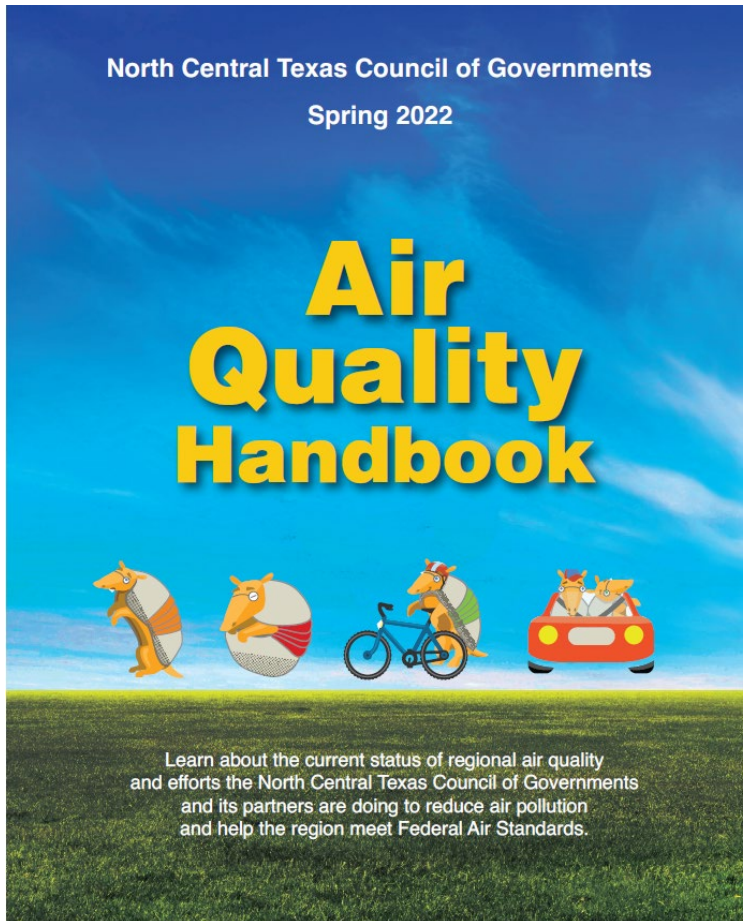
- Energy**
 - Reduce energy use and costs
 - Facilitate the use of energy efficient products
 - Improve reliability of the Texas electrical grid
 - Generate more power from low-emitting or renewable energy sources
- Water, Wastewater, and Solid Waste**
 - Improve water quality and reduce flooding
 - Conserve water
 - Encourage expansion of local recycling and composting
- Transportation**
 - Increase use of cleaner vehicles, such as electric and natural gas
 - Create walkable communities
 - Provide more public transit options
 - Build a more efficient and safer roadway system

North Central Texas Council of Governments
 This work is funded by the Environmental Protection Agency's Climate Pollution Reduction Grants, Planning Grants. Written feedback can be mailed to Elena Harmsillo, Air Quality Planner, at P.O. Box 3888, Arlington, TX 76009-3888
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Air Quality Handbook

English



https://www.nctcog.org/getmedia/3e4466f8-aad7-4979-b336-d0b79c6fd10e/aaq2022printer_spring.508e33.pdf?lang=en-US

Spanish



<https://www.nctcog.org/getmedia/8d3a380e-dc11-4286-8efa-e430b74e337c/aaq2022spanish.b128ac.pdf?lang=en-US>

Vietnamese



<https://www.nctcog.org/getmedia/787b9fe9-94d9-4d76-9701-020876a06e61/AQHbkViet.pdf>



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