



North Texas Regional Integration of Sustainability Efforts (RISE) Coalition

October 20, 2023



RISE Coalition Website: <https://www.nctcog.org/envir/development-excellence/rise-coalition>
RISE Coalition Committee Page: <https://www.nctcog.org/envir/committees/regional-integration-of-sustainability-efforts-ris>

Welcome and Housekeeping

- Please sign in using the sheet at the front of the room.
- We will go around the room and do introductions – please share your name and city/organization.
- During the meeting, we will prioritize comments from RISE members and other local government representatives.
- Members of the public, private sector, and nonprofit sector should hold comments until the Roundtable at the end of the meeting.

The Regional Integration of Sustainability Efforts (RISE) Coalition works to engage interested local governments in peer-exchange opportunities to support sustainability and environmental initiatives.

October 20, 2023

RISE Coalition Agenda

1) Welcome and Introductions

Action Items and Discussion

2) Meeting Summary

3) FY 2024 Work Program and Project Update

4) FY 2024 Cost Share Commitments

5) Climate Pollution Reduction Grant Discussion

Informational Items

6) NCTCOG Updates & Regional Opportunities

Other Business

7) Participant Roundtable

8) Next Meeting Date & Future Agenda Items

9) Adjournment

Action Items

Meeting Summary: [Approve July 21 Meeting Summary](#)

FY 2024 Work Plan Update & Discussion

FY2024 Work Program Approved at July meeting

Summary of FY2024 Goals

- Hold quarterly public meetings
- Host 2 webinars on key topics of interest
- Continue workshop series – new topics?

FY2024 Focus Topics

- Regional GHG Emissions Reduction Strategies
 - Continuation of work from the 2019 Regional Emissions Inventory
 - Connection with NCTCOG's Climate Pollution Reduction Grant work
- Communicating Sustainability to Leadership

Proposed Focus Topics



**Regional Emissions
Reduction Strategies**



**Communicating
Sustainability to
Leadership**

FY 2024 Member Cost Share Commitments

- Cost share amounts for each entity are based on 2020 population estimates and are the same as FY23.
- Invoices for FY24 have been mailed to:
 - City of Cedar Hill
 - City of Dallas
 - City of Denton
 - City of Farmers Branch
 - City of Plano
 - City of Lewisville
 - Tarrant Regional Water District

2020 Population (NCTCOG Estimates)	Cost-Share
1 million+	\$3,750
750,000 – 999,999	\$3,500
500,000 – 749,999	\$3,000
350,000 – 499,999	\$2,500
200,000 – 349,999	\$2,075
100,000 – 199,999	\$1,625
50,000 – 99,999	\$1,075
25,000 – 49,999	\$ 700
10,000 – 24,999	\$ 500
Less than 10,000	\$ 250
Other Local Government Partners	\$1,000

- **Current commitments: \$15,900**

If you'd like to join as a cost-sharing member for FY24, please email

Bjohnson@nctcog.org.

SECO Contract Scope of Work

B. Contractor shall provide the following Services during the period of this Agreement:

1. **Events:** Host 2 virtual webinars and 2 in-person workshops and attend 2 community outreach events over the contract period.
 - Host 2 virtual webinars on priority topic areas for the region, as determined by 2023 survey results and other outreach to cities in the region.
 - Host 2 “lunch-and-learn” events in North Texas in collaboration with SPEER.
 - The first event will be an in-person workshop on Local Government Energy Reporting.
 - The second event will be an energy-related topic identified in past surveys and ongoing outreach to local governments on regional priorities.
 - Initial topic ideas: Energy Codes, Speaking to Local Government Leadership about Energy Efficiency
 - Attend at least 2 external outreach events within the contract period and provide post-event reports to SECO.
 - Provide post-event reports to SECO with takeaways and next steps for all events.

SECO Contract Scope of Work

1. **Program Expansion and Partnership Opportunities:** Continue to expand partnership opportunities with entities throughout the region and the state, including nonprofit organizations, community colleges, etc. Leverage existing NCTCOG programs to support regional energy efficiency, emissions reductions, and sustainability goals.
 - Support local energy research and regional applications for energy-related grant funds.
 - Send quarterly electronic notifications of funding resources and incentives.
 - Provide letters of support when determined to be appropriate.
 - Pursue other energy-related grant funding to further NCTCOG's and the region's energy planning and emissions reduction goals.
 - Support the Regional Integration of Sustainability Efforts (RISE) Coalition in advancing local government sustainability in the areas of energy, emissions, and communicating these programs to elected officials and city leadership.
 - Host quarterly meetings
 - Host two workshops on RISE prioritized topics.
 - Provide assistance to entities in the region who have applied for EECBG funding.

Climate Pollution Reduction Grant Update and Discussion

Breanne Johnson
North Central Texas Council of Governments

Climate Pollution Reduction Grants Planning Grants Overview

North Central Texas Council of Governments (NCTCOG) received funds from the Climate Pollution Reduction Grants (CPRG) Planning Grants to develop a regional plan to improve air quality

NCTCOG will collaborate with local governments and the public to develop the following CPRG Planning Grants deliverables:

- Priority Climate Action Plan (PCAP) – Due March 1, 2024
- Comprehensive Climate Action Plan (CCAP) – Due Summer 2025
- Status Report – Due Summer 2027

Deliverables will be incorporated into the NCTCOG's **Dallas-Fort Worth Air Quality Improvement Plan**



Planning Grants: Priority Climate Action Plan

Task	Description	Expected Completion Date
Greenhouse Gas Inventory	<ul style="list-style-type: none"> - Calculate the GHGs produced in the 16 counties in North Texas - Includes transportation, energy, agriculture, water, waste and materials management sectors 	January 2024
Quantified GHG Reduction Measures	<ul style="list-style-type: none"> - Identify short-term projects, programs, and policies to reduce GHG emissions - Quantify the benefits of projects, programs, and policies 	January 2024
Low-Income/Disadvantaged Communities Benefits Analysis	<ul style="list-style-type: none"> - Calculate the potential benefits to disadvantaged communities through the deployment of GHG reduction measures - Benefits can include lower energy costs, economic benefits, improved air quality, etc. 	February 2024
Review of Authority to Implement	<ul style="list-style-type: none"> - Review GHG reduction measures to ensure they can be implemented 	February 2024
Funding Analysis	<ul style="list-style-type: none"> - Identify funding to implement the GHG reduction measures 	February 2024



CPRG Implementation Grants Overview

\$4.3 billion available for general competition

- Individual awards will be between \$2 million and \$500 million
- EPA anticipates awarding 30-115 grants under this announcement

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



CPRG Implementation Grants

Eligible Applicants:

- Lead organizations that were direct recipients of CPRG planning grants
- State
- Municipalities
- Tribes

General competition designed to incentivize applicants to apply together

- Applications are scored based on the cumulative benefits the measures would create
- EPA will not award multiple grants to implement the same measure in the same location
- EPA anticipates awarding no more than two grants to applicants at the same level of government within a single jurisdiction (e.g., a single state, municipality, tribal area, or territory)



Implementation Grant Measures

Goals:

- Advance the transition towards a decarbonized economy
- Improve air quality
- Pursue innovative policies and programs that are replicable and can be “scaled up” across jurisdictions
- Benefit low-income and disadvantaged communities
- Incorporate high labor standards
- Support measures for which funding is unavailable or insufficient

Eligible Measures:

- New stand-alone measures
- Expansion of current measures that are already implemented
- New measures which needs additional funding

To be eligible for CPRG Implementation Grant funding a measure must be included in a Priority Climate Action Plan



EPA Notice of Funding Opportunities (NOFO)

Example Measures

Sector	Measures
Transportation Sector	<ul style="list-style-type: none">- Programs to increase electric vehicles (EV) adoption- Transportation pricing programs, such as parking and road pricing- Programs to reduce emissions at port and freight terminals- Update building and zoning codes to encourage walkable, bikeable, and transit-oriented development- Encourage mode shift from private vehicles to walking, biking, and public transportation- Programs and policies to encourage electrification and EV charging at multi-unit dwellings
Electric Power Sector	<ul style="list-style-type: none">- Implement Clean electricity and energy efficiency portfolio standards- Emission trading systems- Installation of renewable energy and energy storage on municipal facilities- Targeted incentives for renewable energy and energy storage systems on commercial and residential buildings- Development of community scale renewable energy, microgrids, and vehicle to grid in disadvantaged communities



EPA NOFO Example Measures

Sector	Measures
Buildings Sector	<ul style="list-style-type: none">- Adoption of up-to-date energy codes- Incentive programs for energy efficiency measures in existing government-owned commercial, and residential buildings- Incentive programs for energy-efficient appliances- Programs and policies to electrify government-owned, commercial, and residential buildings- Implementation of building energy performance management program- Programs to promote recovery and destruction of high-global warming potential hydrofluorocarbons used in existing appliances
Industrial Sector	<ul style="list-style-type: none">- Standards to address GHG emissions from industrial facilities- Programs to incentivize energy efficiency measures- Programs to expand the market for low-embodied carbon materials- Incentives to support adoption of low/no carbon fuels, electrification, renewable energy, and process improvements in industrial facilities



EPA NOFO Example Measures

Sector	Measures
Waste, Water, and Sustainable Materials Management Sector	<ul style="list-style-type: none">- Standards and incentives to reduce methane emissions from landfills and wastewater treatment facilities, including collection for use or destruction- Programs and incentives to reduce or divert waste- Programs and incentives to reduce GHG emissions associated with plastic production, use, and waste management- Programs to expand composting and bio-digestion infrastructure- Programs and policies to reduce construction and demolition waste through building reuse, deconstruction, and material reuse- Installation of renewable energy and energy efficiency measures at wastewater treatment facilities
Agriculture Sector	<ul style="list-style-type: none">- Incentive programs to fund electric agricultural equipment- Incentives/programs to reduce nitrous oxide emissions from fertilizer application- Incentives to promote anaerobic digestors
Carbon Removal Measures	<ul style="list-style-type: none">- Policies to promote improved forest management- Urban afforestation and green infrastructure programs- Restoration of degraded lands and forested lands to enhance carbon sequestration



CPRG Transportation Workshop Measures

Focus Area	Measures
Clean Fuels and Fuel Efficiency	<ul style="list-style-type: none">- Installation of monitors to show emissions produced when idling in areas with high idling (EX: school zones)- Incentives for electric vehicles (EV) and e-bikes with rebates*- Installation of EV and alternative fuel infrastructure *- Identify and designate “low-emission corridors”
Sustainable Development	<ul style="list-style-type: none">- Implement the 15-minute city *- Improve sidewalks by adding solar panels or native trees*- Add more bike lanes and add barriers to bike lanes*- Expand the Safe Routes to Schools program*- Deploy “park once” programs*- Invest in cool/smart pavement

*EPA NOFO Example



CPRG Transportation Workshop Measures

Focus Area	Measures
Congestion Management	<ul style="list-style-type: none">- Encourage/incentivize flexible start/stop times and hybrid work*- Encourage/incentivize delivery drivers to drive during off-peak times*- Education campaign on autonomous vehicles- Install roundabouts- Add dedicated turn lanes to reduce congestion- Utilize unused lanes (such as service roads) during times of high congestion, or explore the use of contraflow lanes- Identify and update unsafe forced merges leading to accidents- Installation of smart traffic light controllers- Improve existing railway crossings to minimize vehicle idling
Transit Planning & Operations	<ul style="list-style-type: none">- Subsidize the cost of public transportation*- Increase 511 DFW public awareness through public awareness campaign- Implementation of higher capacity on-demand vehicles (micro transit)*- Creation of bus/transit only lanes*- Improve access to transit stops and minimize wait times*- Implement parking maximums to encourage public transportation*- Reduce or eliminate toll fees for first/last mile services*- Identify and implement transit options for rural areas*



CPRG Energy Workshop Measures

Focus Area	Measures
Municipal Improvements	<ul style="list-style-type: none"> - Incentivize tree planting, install trellises along walls, add landscape islands in parking lots, reduce concrete - Retrofit old industrial facilities to community gardens* - Create an energy management plan and conduct energy benchmarking/audits* - Install renewable energy sources and energy efficient equipment (double paned windows, insulation, etc.)* - Create a regional marketing campaign encouraging energy efficiency strategies*
Electricity Generation and Industrial Facilities and Operations	<ul style="list-style-type: none"> - Implement more renewable energy projects including enhanced geothermal and solar* - Utilize more battery storage for resiliency* - Incentivize local industrial facilities to conserve energy* - Target industrial facilities utilizing refrigerant buildings*
Commercial and Residential Buildings	<ul style="list-style-type: none"> - Update building codes* - Create community solar projects* - Incentivize residents to purchase renewable or zero-emission electricity from contractors vetted by local governments* - Fund the retrofits of older, energy inefficient homes*



CPRG Water, Wastewater, and Solid Waste Workshop Measures

Focus Area	Measures
Solid Waste Facilities & Operations	<ul style="list-style-type: none"> - Waste-to-energy projects* - Create a regional composting program* - Create more, smaller landfills to minimize miles driven by refuse trucks - Utilize brush/tree waste to create bark for parks*
Water Supply and Treatment Facilities and Operations	<ul style="list-style-type: none"> - Encourage/incentivize xeriscaping and green infrastructure - Utilize gray water for lawns - Create a policy to mandate gray water systems be installed for irrigation - Install automated metering infrastructure/smart water meters
Wastewater Treatment Facilities and Operations	<ul style="list-style-type: none"> - Implement more energy efficient blowers/motor/pumps to reduce energy consumption at treatment facilities* - Consider Combined Heat-to-Power technologies for large pumps & motor systems - Consider energy co-generation for sludge process train to utilize available onsite energy resources - Install smart manhole covers to quickly be updated on potential blockages

*EPA NOFO Example



CPRG Implementation Grant Scoring

Evaluation Criteria	Points
Overall Project Summary and Approach <ul style="list-style-type: none">- Description of GHG reduction measures (20 points)- Demonstration of funding needs (10 points)- Transformative impact (15 points)	45
Impact of GHG Reduction Measures* <ul style="list-style-type: none">- GHG reductions from 2025 to 2030 (20 points)- GHG reductions from 2025 to 2050 (10 points)- Cost effectiveness of GHG reductions (15 points)- Documentation of GHG reduction assumptions (15 points)	60
Environmental Results - Outputs, Outcomes, and Performance Measures <ul style="list-style-type: none">- Expected outputs and outcomes (10 points)- Performance measures and plan (10 points)- Authorities, implementation timeline, and milestones (10 points)	30



CPRG Implementation Grant Scoring

Evaluation Criteria	Points
Low Income and Disadvantaged Communities <ul style="list-style-type: none">- Community benefits (25 points)- Community engagement (10 points)	35
Job Quality (5 points)	5
Programmatic Capability and Past Performance <ul style="list-style-type: none">- Past performance (10 points)- Reporting requirements (10 points)- Staff expertise (10 points)	30
Budget and Timely Expenditure of Grant Funds <ul style="list-style-type: none">- Budget detail (20 points)- Expenditure of awarded funds (15 points)- Reasonableness of cost (10 points)	45



Next Steps

Milestone	Date
Public Engagement Opportunities	Ongoing
One-on-One Meetings with Local Governments	October – November
CPRG Workshop	November 29, 2023
CPRG Workshop	December 13, 2023
CPRG Workshop	January 17, 2024
Collaborating Agencies Review draft PCAP	January – February
Optional Notice of Intent to Apply to CPRG Implementation Grants	February 1, 2024
PCAP Due	March 1, 2024
CPRG Applications Due	April 1, 2024
Anticipated Award of CPRG Implementation Grants	October 2024
CCAP Due	June 17, 2025
Status Report Due	June 17, 2027



Discussion Questions

- Do you think your local government would be interested in participating in a regional application to the CPRG Implementation Grants?
 - Who should be the lead on a regional application?
 - Should the region submit one application with all measures?
- Are there other measures we should consider?
- What support do you need from NCTCOG to participate in a regional application?



Contact Us – Transportation



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NCTCOG Regional Updates and Opportunities

REGIONAL INITIATIVES AND UPDATES – Alternative Fuels/Electric Vehicles

New EV Chargers at Sites Owned by Irving, Lewisville, Mesquite, DART, Weatherford College

Successful National Drive Electric Week (NDEW) Event

- Opportunity for EV-curious to network with EV owners in non-sales, brand-neutral environment
- 385 registrants, 118 registered EVs, over 70 ride-and-drives (EVs and e-bikes!)
- driveelectricdfw.org
- **CONTACT US** if interested in a Drive Electric Earth Day event! cleancities@nctcog.org

Annual DFW Clean Cities Fleet Recognition Awards – October 25, 2023

- Recognizes local fleets for efforts to improve air quality
- Fleet data gathered annually through survey
- Wednesday, October 25 from 1:30-3:00 pm; NCTCOG Offices – **JOIN US!**



Intermodal Transportation Hubs for Colleges and Universities Study Completed

- Includes resources and recommendations for campuses to be mobility hubs, including EV chargers and electric micro-mobility
- [North Central Texas Council of Governments - Intermodal Transportation Hubs for Colleges and Universities Study \(nctcog.org\)](https://nctcog.org)
- Contact Ezra Pratt at epratt@nctcog.org

NCTCOG Regional Updates and Opportunities

RELEVANT COMMITTEES/WORKING GROUPS – TRANSPORTATION

www.nctcog.org/nctcog-committees

Air North Texas Coalition: www.airnorthtexas.org – outreach and awareness about regional air quality

Next Meeting: November 30, 2023 at 1:30 pm

Bicycle & Pedestrian Advisory Committee

Next Meeting: November 15, 2023 at 2:00 pm

Dallas-Fort Worth Clean Cities Coalition: www.dfwcleancities.org – alternative fuels and electrification

Next Meeting: October 25, 2023 at 1:30 pm

Land Use/Transportation Task Force

Next Meeting: January 2024

NCTCOG Regional Updates and Opportunities

NCTCOG Webinar: Germinating Equitable Outcomes Through Urban Forestry

- Wednesday, October 25th from 10:00 – 11:30am
- [Register here](#)

10th Annual Holiday Grease Roundup

- Annual Fats, Oils, and Greases (FOG) collection event, running from mid-November to mid-January
- If your city is interested in hosting a FOG collection station, contact Hannah Allen at hallen@nctcog.org



Other Business

Participant Roundtable

Members will be called on first, and then others will have the opportunity to share what is happening within their organization.

Future Agenda Items

Next Meeting Dates

Next RISE Coalition Meeting:

Friday, January 26, 2023

9:30 a.m.

Virtually via Microsoft Teams

NCTCOG's Free E-Mail Lists and Committee Updates

<https://www.nctcog.org/stay-informed?ext=>

<https://www.nctcog.org/envir/mail>

RISE Website:

<https://www.nctcog.org/envir/development-excellence/rise-coalition>

<https://www.nctcog.org/envir/committees/regional-integration-of-sustainability-efforts-ris>

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Thank you!