



Dallas-Fort Worth
CLEAN CITIES

DALLAS-FORT WORTH CLEAN CITIES COALITION

Dallas-Fort Worth Clean Cities Stakeholder Input Session

FEBRUARY 26, 2025



Who We Are

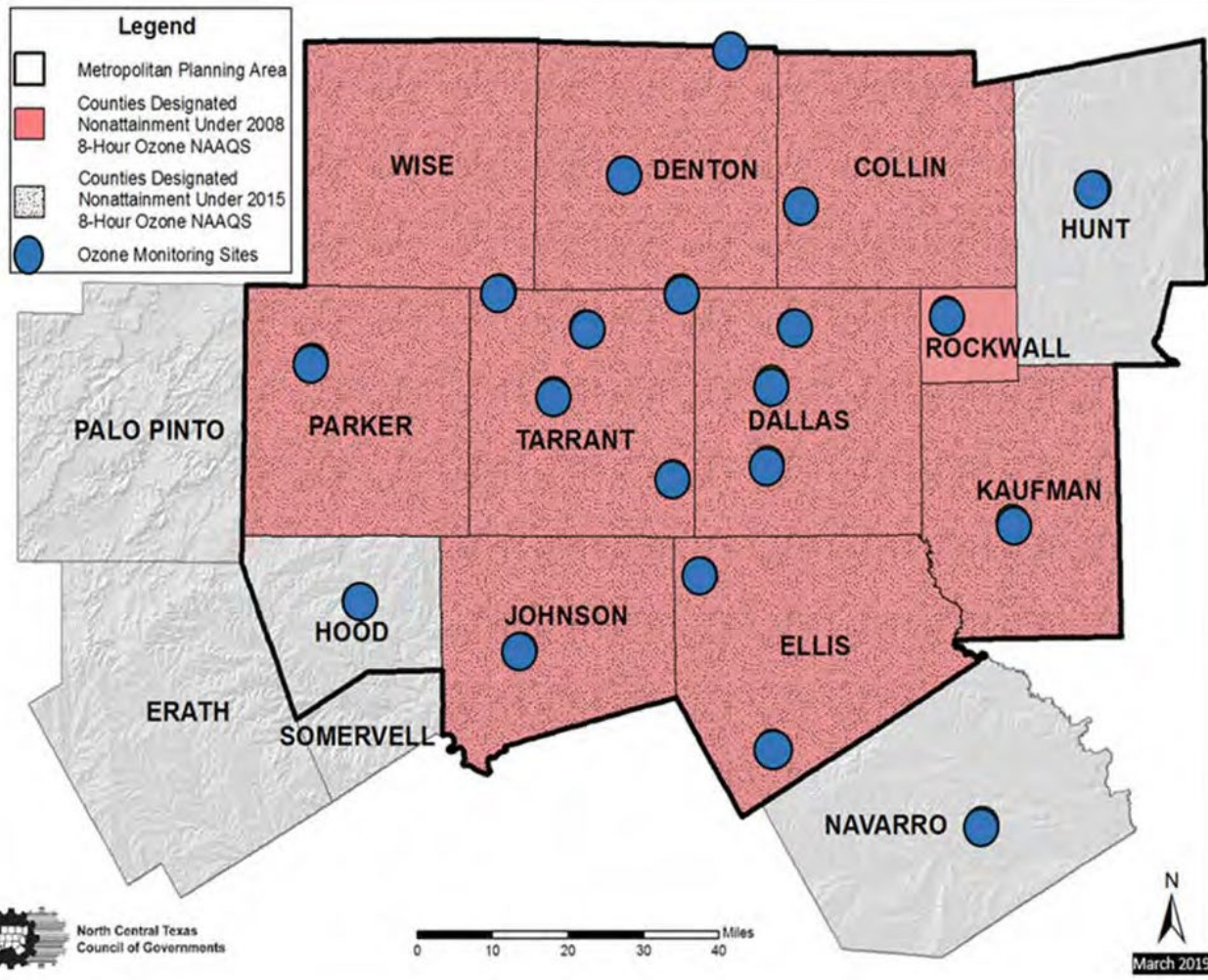
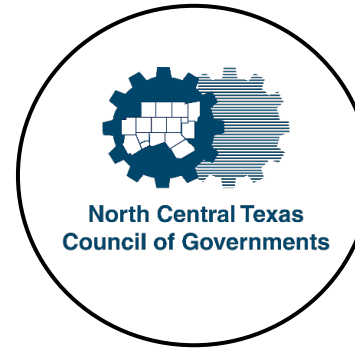


Photo Source: NCTCOG



Regional Planning Agency



Metropolitan Planning Organization (MPO)



Local Clean Cities Coalition

Clean Fuels & Energy Team

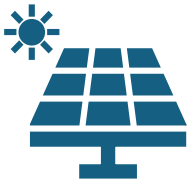
Key Focus Areas & Goals



Clean Vehicle Initiatives



Alternative Fuel Infrastructure Initiatives



Energy Integration & Community Readiness

What We Do



Funding Support



Technical Assistance



Planning the Future



Raising Awareness

Agenda

North Central Texas Council of Governments (NCTCOG) Kickoff

Savana Nance, NCTCOG

Planning for Electric Vehicle Infrastructure

Regional Electric Vehicle Charging Infrastructure Projects;
Joslyn Billings, NCTCOG

Continuing EV Operations

Planning Resilient EV Charging; Hannah Thesing, NCTCOG

New Mobility Choices and Emerging Technologies

City of Arlington Multimodal Delivery; Ann Foss, City of Arlington

Additional Opportunities to Improve Air Quality

North Central Texas Reuse Marketplace; Alexa Gilbert, NCTCOG

Other Involvement Opportunities; Savana Nance, NCTCOG

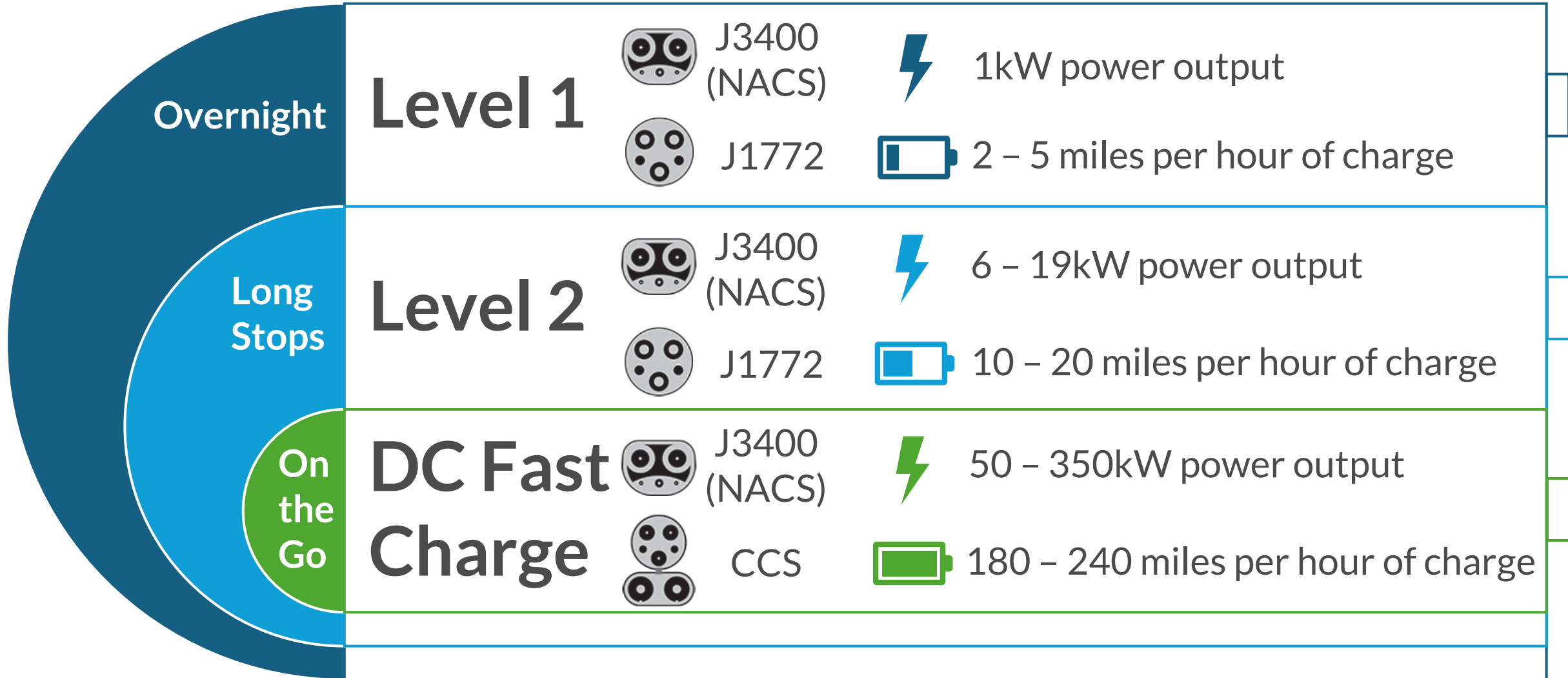


Regional Electric Vehicle Charging Infrastructure Projects

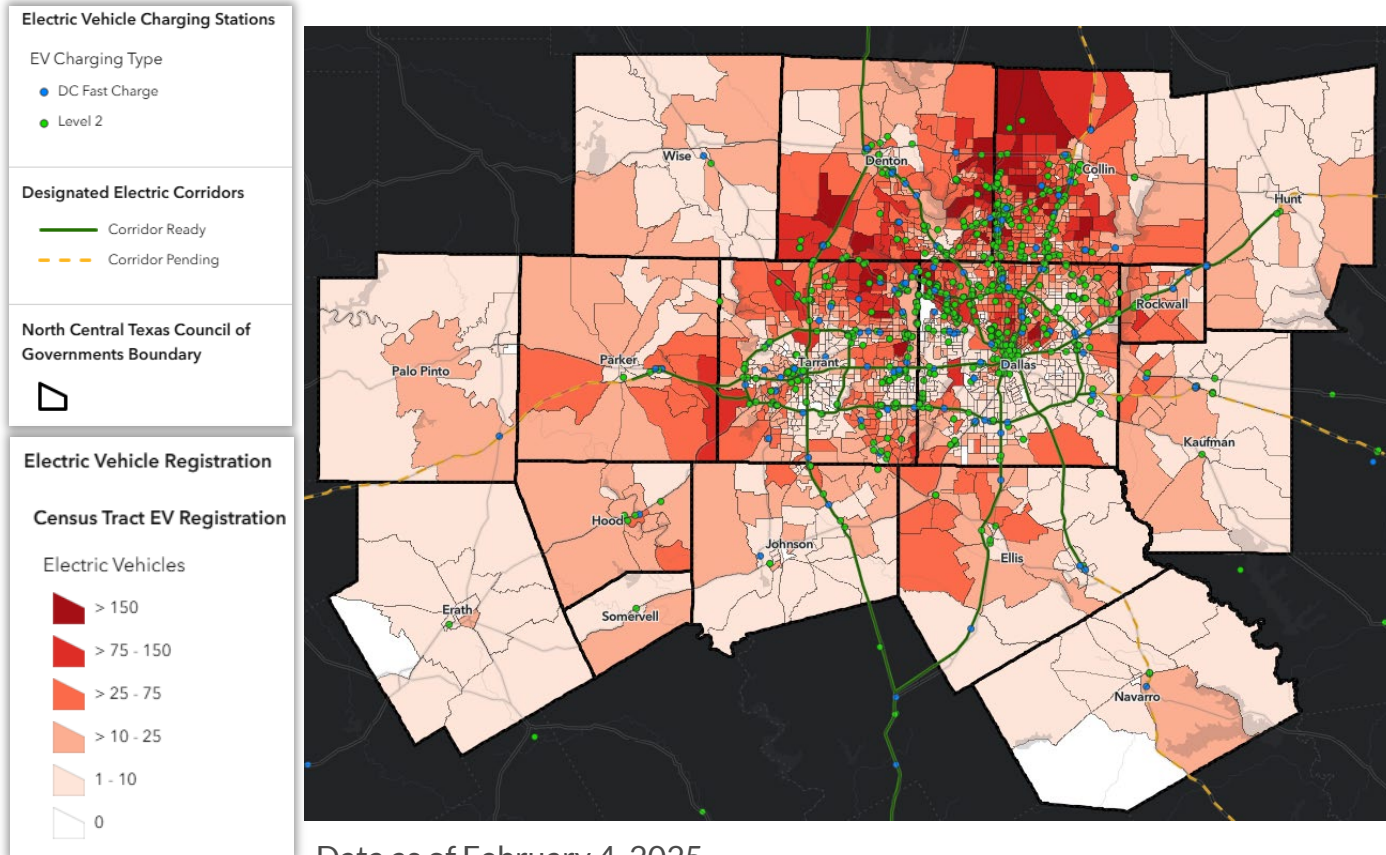
The background of the slide is a photograph of an electric vehicle charging station. The image is semi-transparent and shows two charging stalls. Each stall has a green sign with a white icon of an electric vehicle and a charging plug, and the text "ELECTRIC VEHICLE CHARGING ONLY" below it. The station is outdoors, with trees and a building visible in the background.

Image Provided By Dallas Area Rapid Transit

Types of EV Charging and Infrastructure



Texas Data and Trends



Electric Vehicle (EV) Registration Data dfwcleancities.org/evnt -> EVs and Texas

Region	February 2024	February 2025	Increase
Texas	254,836	351,906	38%
Dallas-Fort Worth (DFW)	94,748	128,745	36%
Austin	50,080	69,224	38%
San Antonio	23,245	30,397	31%
Houston	63,015	88,598	41%

1.40% of registered vehicles in Texas are EVs

Charging Ports Statewide (includes Tesla):

- 7,460 Level 2
- 3,249 DC Fast

afdc.energy.gov/stations

Regional Investments in EV Infrastructure

Electric Vehicle Charger Reliability and Accessibility Accelerator

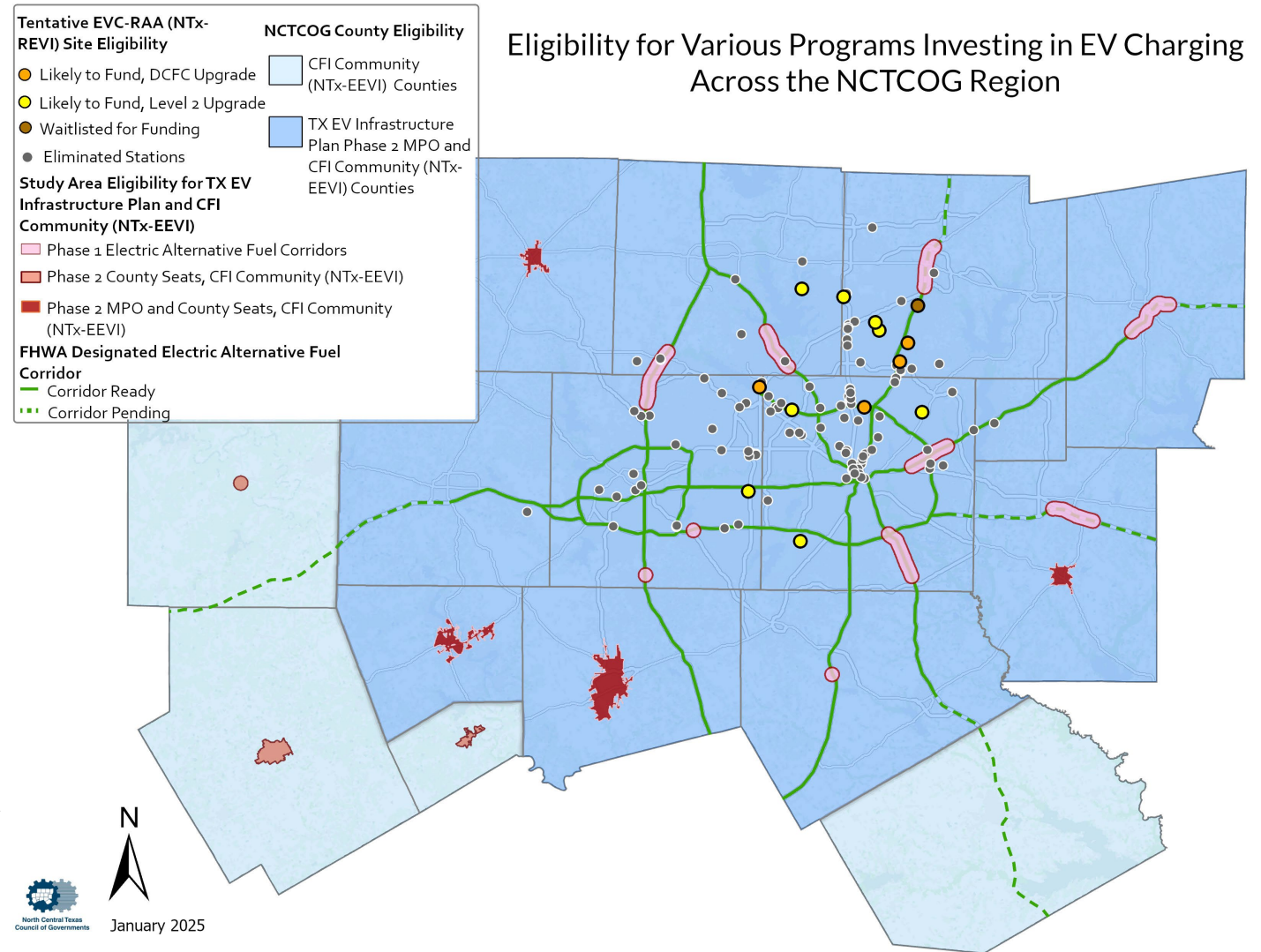
\$3.6 million award to repair and replace non-operational chargers in the DFW region

Charging and Fueling Infrastructure (CFI) Community Award*

\$15M to build up to 100 new EV charging ports in the 16-county NCTCOG region

Texas EV Infrastructure Plan*

~\$60 million to build new L2, DCFC, or MHD chargers in the 12-County Metropolitan Planning Area and ~\$10M for 7 county seat sites (Managed by TxDOT)



*NCTCOG seeking feedback

Project Goals

Electric Vehicle Charger Reliability and Accessibility Accelerator

Increase reliability of electric vehicle (EV) charging infrastructure connecting the NCTCOG region

Charging and Fueling Infrastructure Community Award

Develop community-based EV charging using public sector properties as host sites to fill gaps in EV charging station access across the NCTCOG region

Texas EV Infrastructure Plan

Enable EV travel across the state and give EV drivers confidence and flexibility when traveling for work, recreation, or exploration regardless of distance



Federal Highway Administration Charging and Fueling Infrastructure Program: Community Project

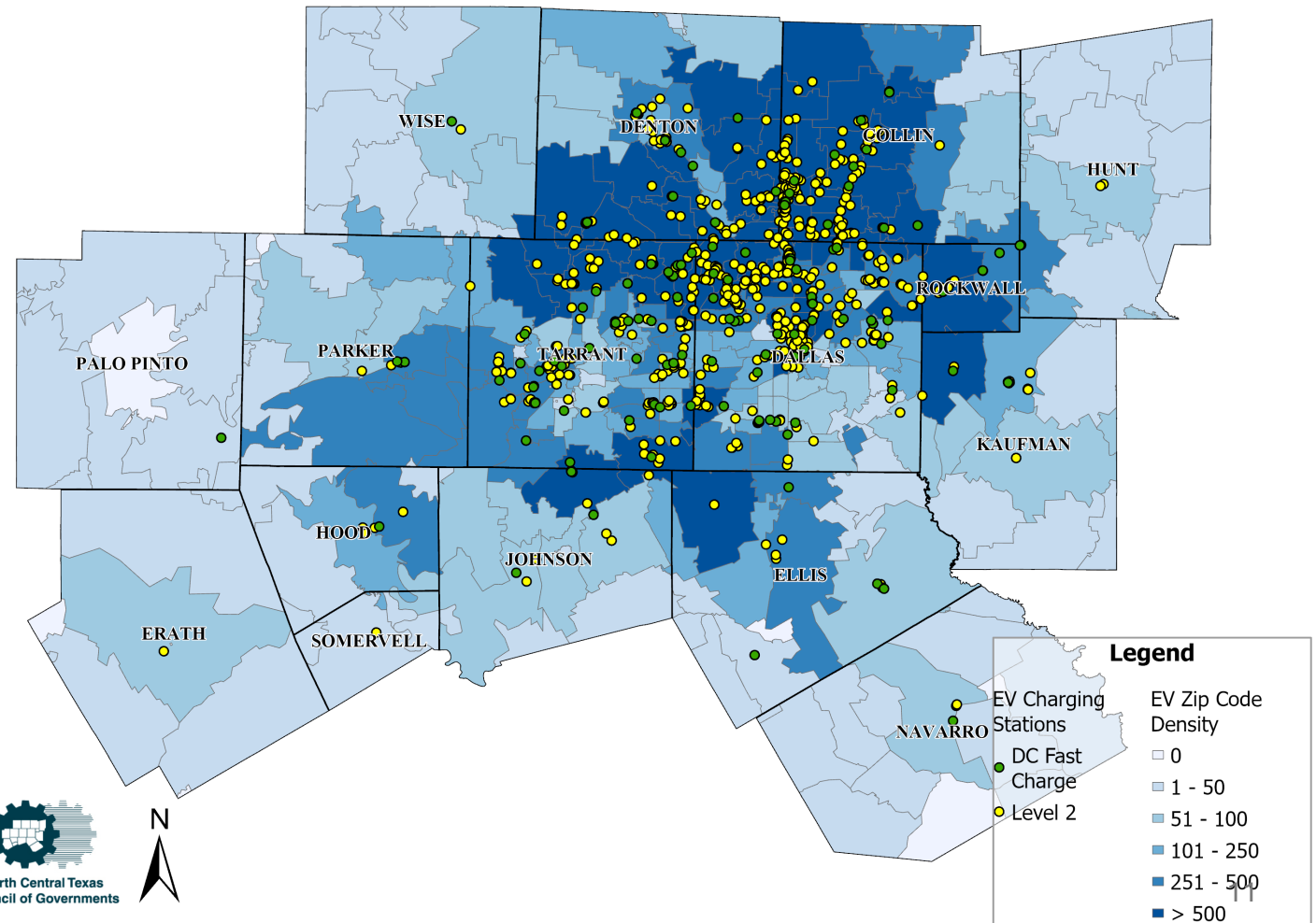
Charging and Fueling Infrastructure Community Program

Currently Available Electric Vehicle Chargers in the NCTCOG Region

Awarded \$15 million to build EV charging stations to provide up to 100 public charging ports on public sector property regionwide

Will create specialized technical teams to streamline implementation

Input from residents and public agencies will inform site locations



Project Related Procurements

Released an open, competitive Request for Proposals to select private sector firm(s) for Deployment Dream Team in November 2024

- Selecting a team of experts in site selection, design, engineering, permitting, inspection, safety, utility coordination, NEPA, Buy America, etc.
- Goal is to expedite the “cradle to grave” process of siting and deploying chargers
- Will have regular coordination meetings with Authorities Having Jurisdiction to help them through the process and troubleshoot when necessary
- Plan to seek Executive Board approval in April

Project Related Procurements

Anticipate issuing a cooperative Request for Proposals (RFP) for EV Charging Station Providers on behalf of local governments

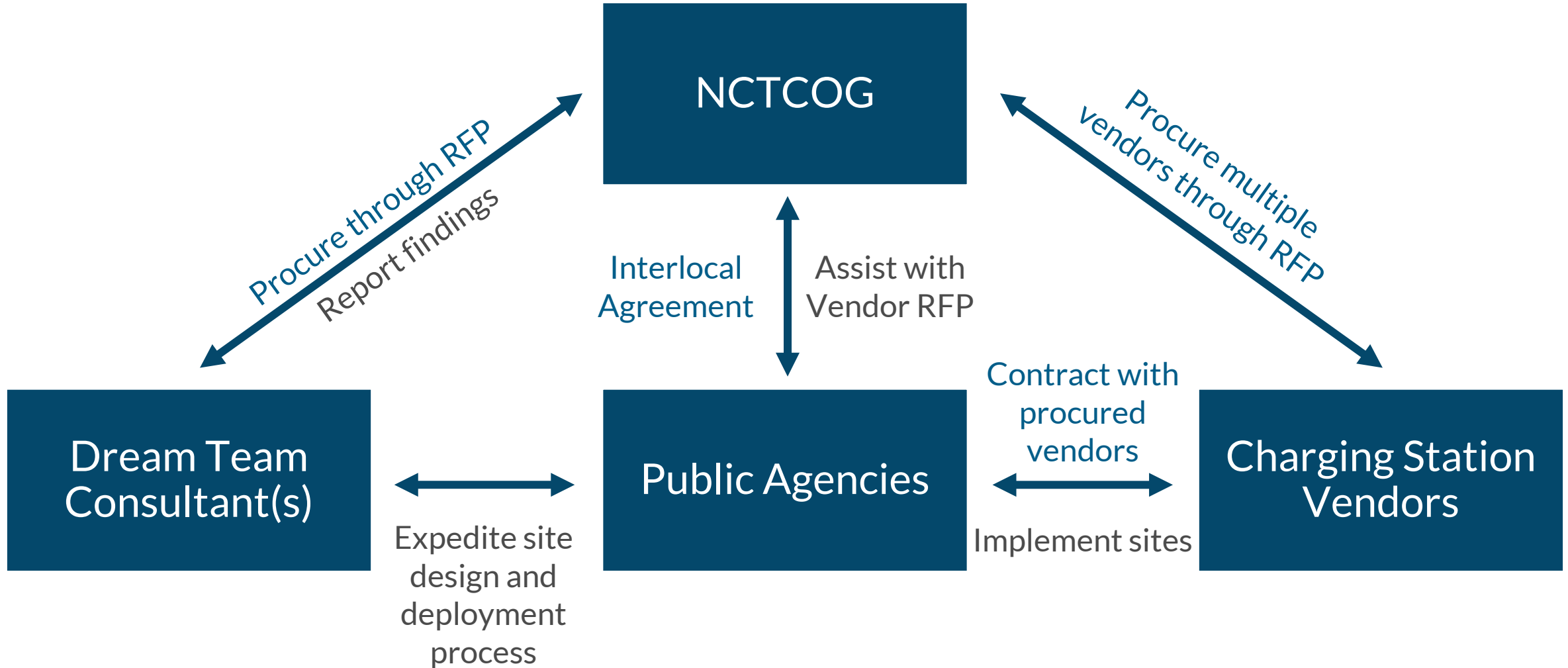
Procurement Considerations:

- Station technicians must be EVITP certified or equivalent
- NCTCOG may select one or multiple providers for 'turnkey' installation
- Will incorporate input from local governments

Site Considerations:

- Project sites determined through site selection
- Must be located on publicly owned property
- Will likely be a mix of L2 and DCFC and incorporate multiport locations
- All stations must comply with federal NEVI standards ([23 CFR Part 680](#))

Project Structure



Questions





Texas EV Infrastructure Plan

Funded by the National EV Infrastructure Program

Image Provided by Texas Department of Transportation, Gainsville, TX

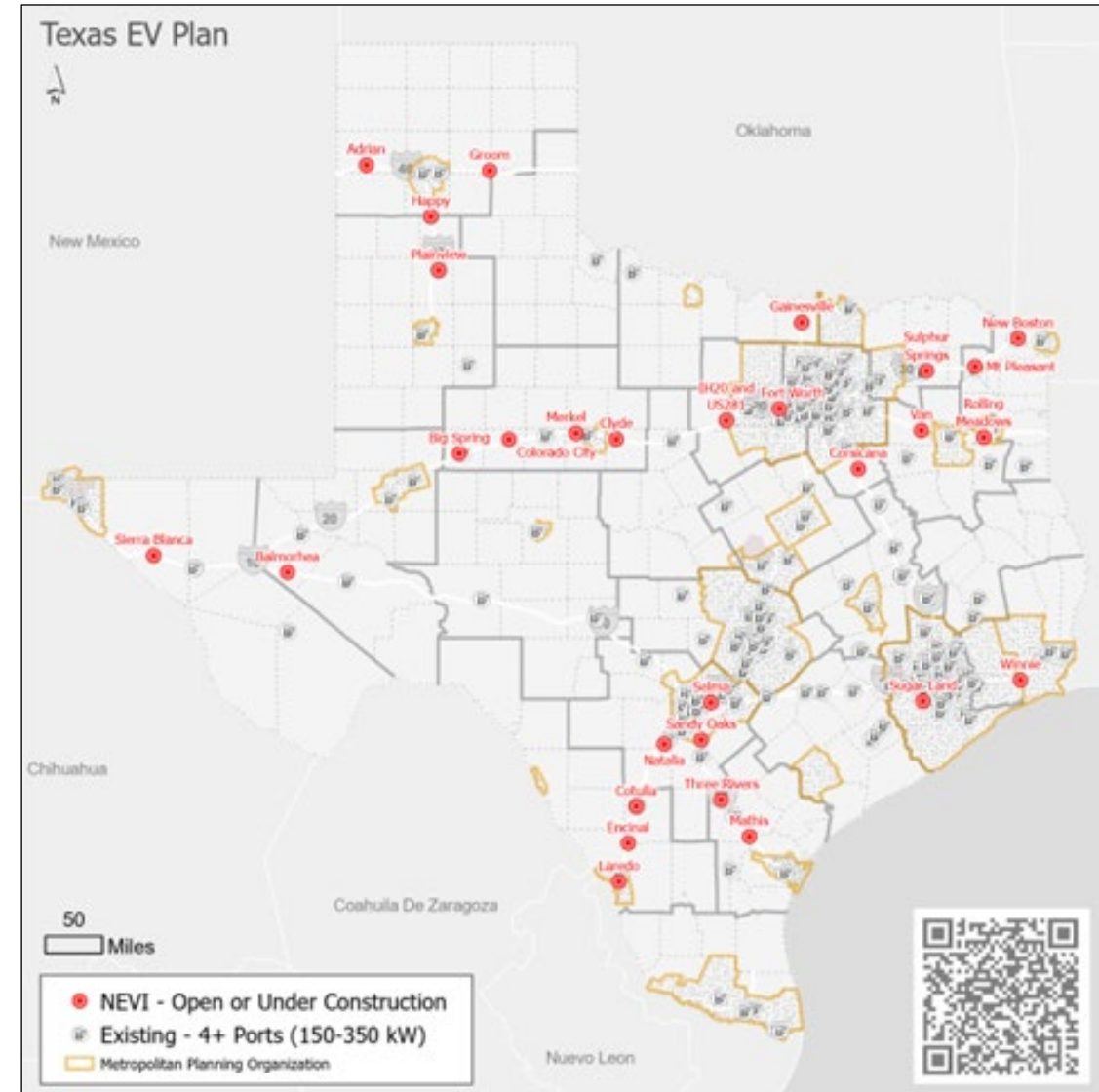
Texas EV Infrastructure Plan

Phase 1: Along Alternative Fuel Corridors

Phase 2: Two parallel approaches

1. Rural county seats
 - NCTCOG counties impacted: Erath, Hood, Johnson, Kaufman, Palo Pinto, Somervell, and Wise
2. Urbanized areas, advised by Metropolitan Planning Organizations (MPOs)
 - NCTCOG allocation: ~\$60 Million

Plan documents and materials posted at publicinput.com/nctcogEVcharging ->
Project Details



Source: TxDOT Texas EV Charging Plan Story Map: [Texas Electric Vehicle Infrastructure Plan \(arcgis.com\)](https://arcgis.com)

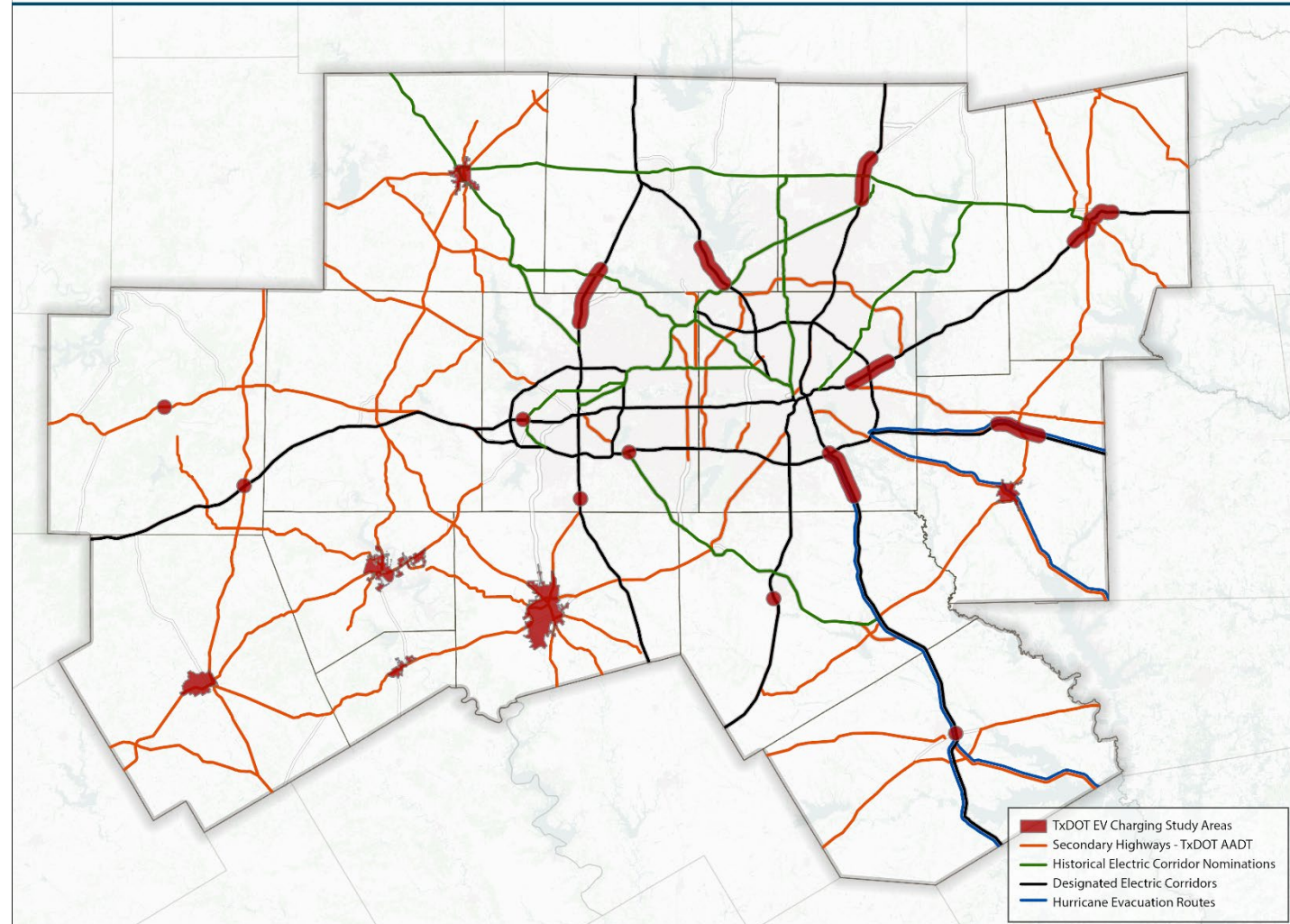
Priority Secondary Highways

Preliminary Identification includes:

- Identified urban and rural secondary highways above specific traffic thresholds
- Electric alternative fuel corridor nominations previously submitted by NCTCOG
- Hurricane evacuation routes
- Freight corridors

If a station was built every 50 miles along these roadways, 35 charging sites would be needed

EV Charging Stations Projects - Secondary Highways



Possible Preliminary Study Areas

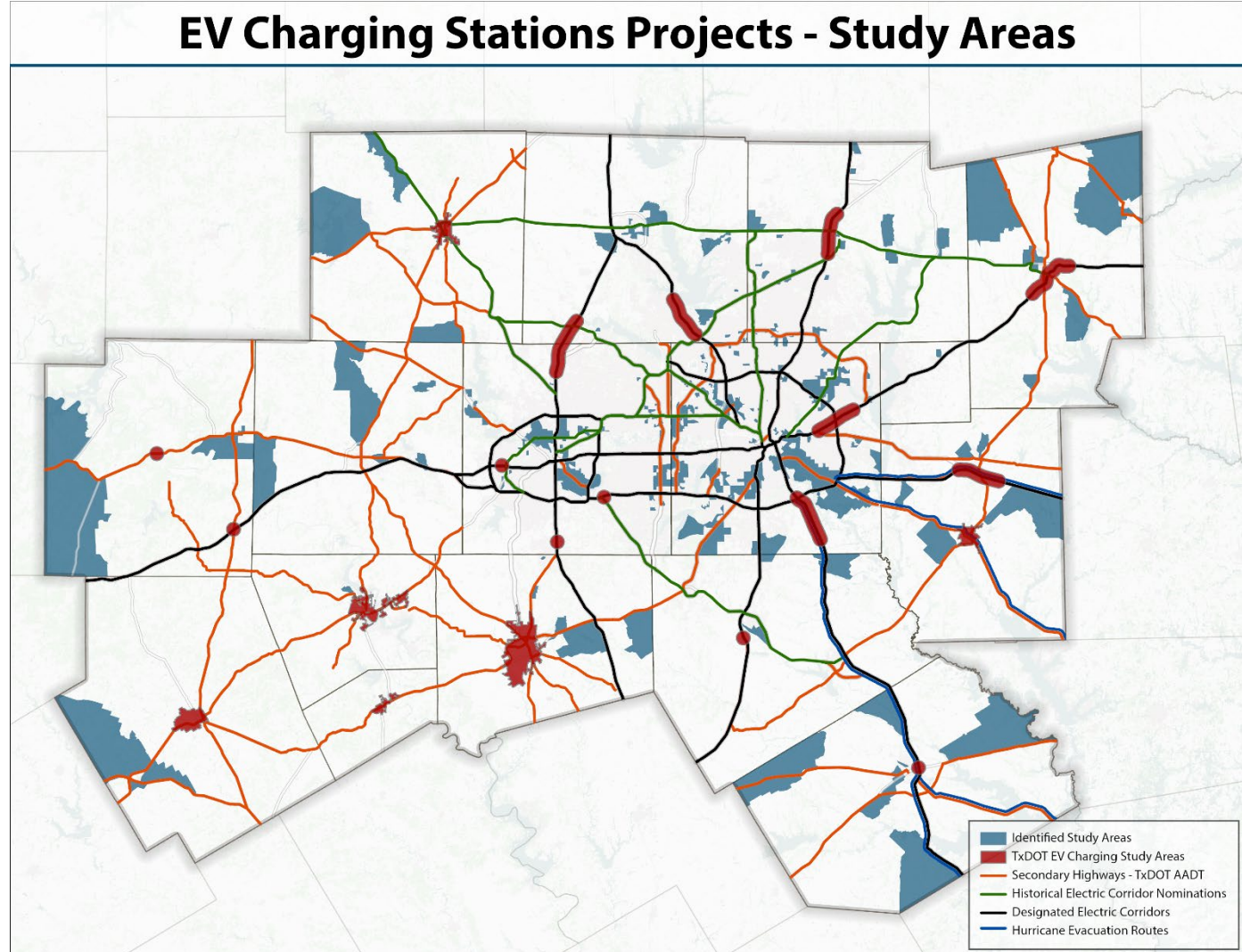
Census Block groups are filtered to be:

- < 1 mile away from identified secondary highways
- > 1 mile from an existing or planned DCFC station
- Outside of a Texas EV Charging Plan study area
- Within the top quartile of percent of minority or below poverty

Will be further refined and filtered based on feedback

Freight traffic will be considered for heavy-duty charging hub locations

EV Charging Stations Projects - Study Areas



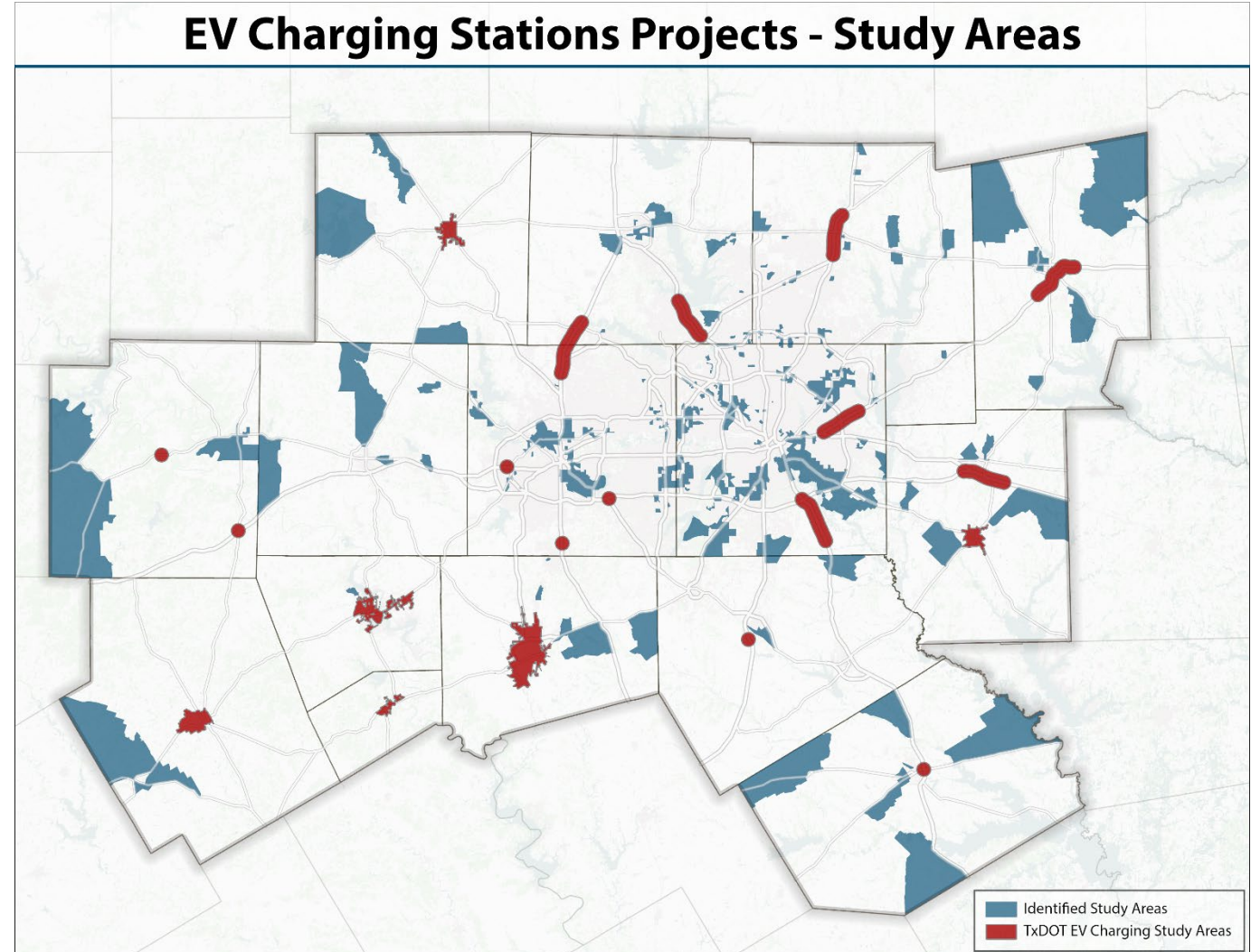
Possible Preliminary Study Areas

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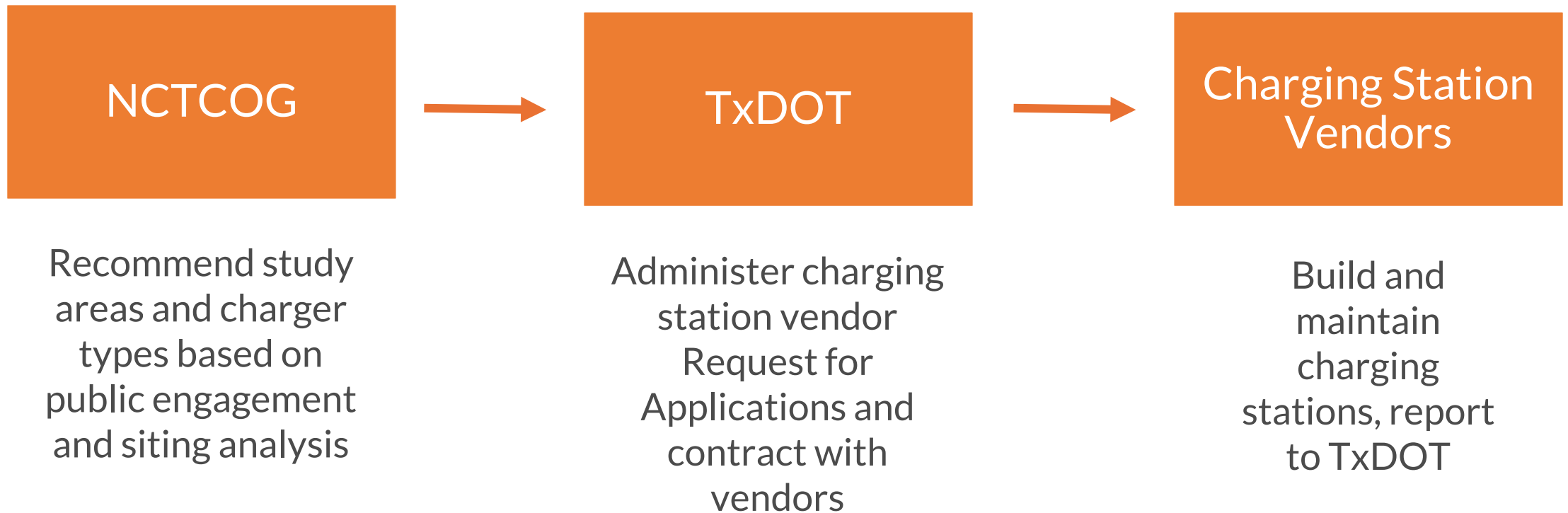
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- Outside of a Texas EV Charging Plan study area
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Will be further refined and filtered based on feedback

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Project Structure



Questions



Additional EV Infrastructure Work



Assistance for employers to offer charging as an amenity

Recruiting and providing resources

Learn more at dfwcleancities.org/empower



NATIONALLY DISTINGUISHED. LOCALLY POWERED.

Designation program to identify EV-friendly municipalities

Technical assistance and designation guidance

Goal: 10 local designees

In process: 4

Learn more at dfwcleancities.org/charging-smart

Building Codes and Standards

2024 International Code Council Appendices

Commercial: Appendix CG

Residential: Appendix RE

Drafted Support Statement for Regional Codes Coordinating Committee Consideration

Referenced in Mobility 2045 as part of Air Quality Initiatives: Communities project



EV Charger Project Involvement

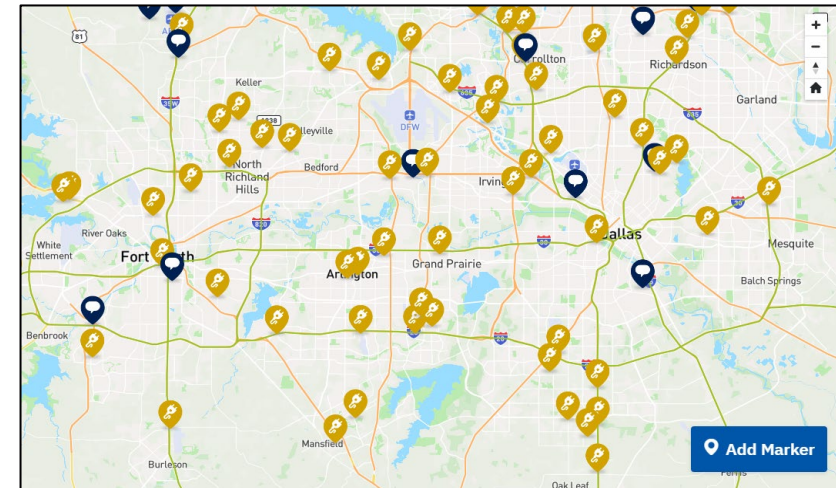
Visit the Regional EV Charging Station Projects page: publicinput.com/nctcogevcharging

Residents/Businesses:

- Sign up for email updates for future public engagement events in the NCTCOG region
- Submit comments and site suggestions on TxDOT Interactive Map
- Sign up on the Transportation Department Vendor Database
- Attend public engagement events
- Spread the word!

Public Agencies:

- Take the Local EV Interest Survey
- Share opportunities with residents
- Identify and share potential EV charging locations with NCTCOG



Texas EV Infrastructure Plan Interactive Map

Interactive Input

Ping Pong Balls -

Should priority be placed on many Level 2 chargers or few DC Fast Chargers?

Option 1 – as many L2 as possible

Option 2 – split the funds between L2 and DCFC

Option 3 – as many DCFC as possible

Poster -

Please add stickers on the poster to let us know where you want chargers!

Contact Us



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Dallas-Fort Worth
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dfwcleancities.org



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[linkedin.com/showcase/dfwcleancities/](https://www.linkedin.com/showcase/dfwcleancities/)



North Central Texas
Council of Governments



Dallas-Fort Worth
CLEAN CITIES

Planning Resilient EV Charging

Hannah Thesing

NCTCOG Transportation Department

DFWCC Stakeholder Showcase

February 26, 2025

The Need for Resilient Electric Vehicle Charging

There is an increasing power demand on the Texas Grid due to:

- Weather events
- Population growth
- Economic growth
- Aging infrastructure

ERCOT projects 998,000 light-duty and 103,000 medium- and heavy-duty EV by 2029

With more electric vehicles (EV) assigned to critical operations, resilient and reliable charging is needed.

- Emergency services/first responders
- Refuse collection
- Public works
- Dump trucks
- Freight transport



Source: Getty



Source: City of Plano



Source: Getty

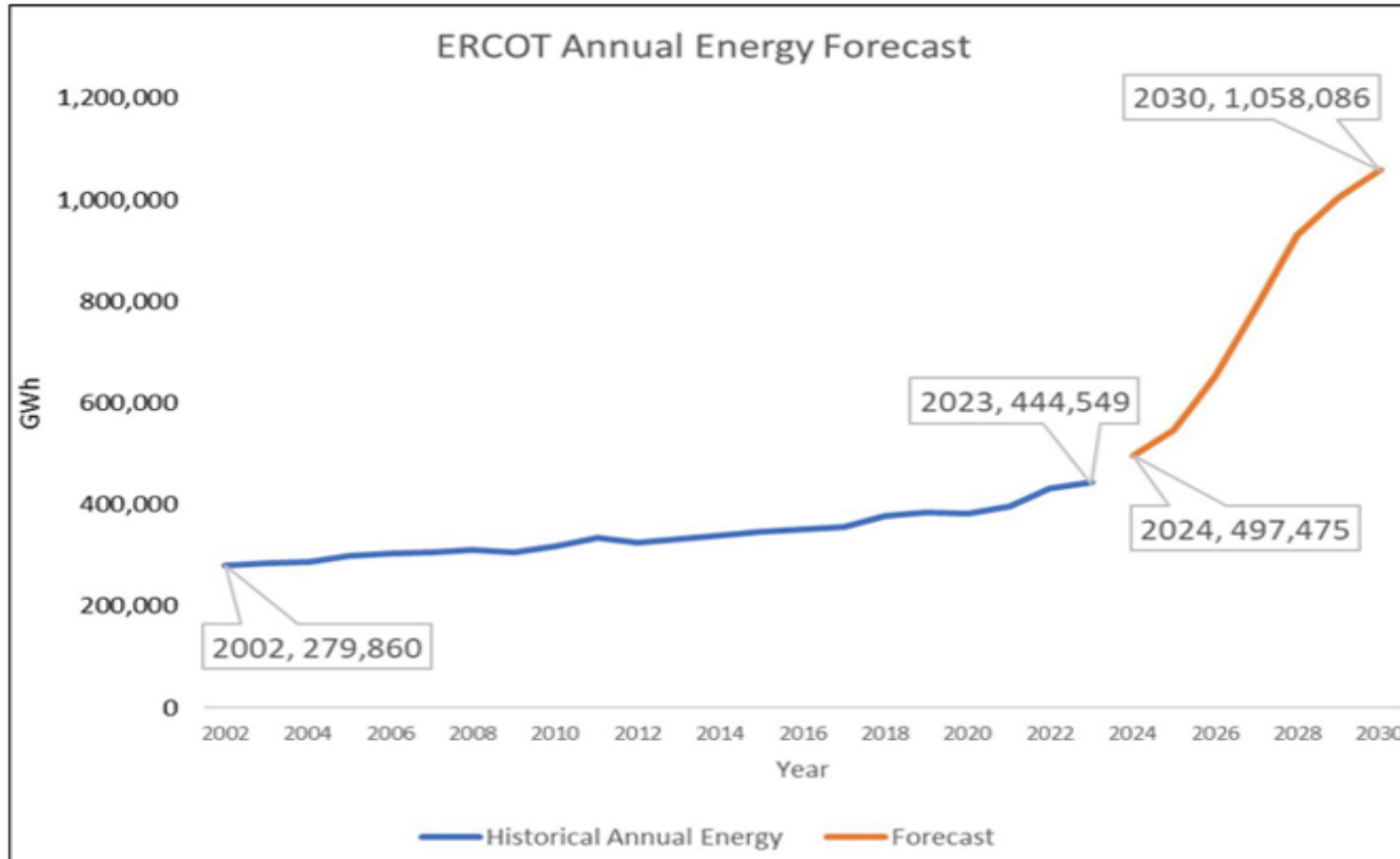
Texas Grid Outages

- More outages in last 5 years than any other state
- Outages lasted an average of 160 minutes impacting an est. 172,000 Texans
- Most outages caused by severe weather and failure of systems operations
- **Other possible causes:** Vandalism/Suspicious Activity, Transmissions Operations, Natural Disaster, Physical Attack, or Other/Unknown

Cause of Outage	Outages Last 5 Years (2019-2023)	Outages Last 20 Years (2003-2023)	Percent of Outages in Last 20 Years Occurring in Last 5 Years
Severe Weather	111	193	58%
Systems Operations	45	62	73%
All Causes	263	435	60%

Source: [Payless Power](#)

ERCOT Annual Energy Forecast



High Annual Growth from 2024-2027 Expected Due to Large Load Growth (17.1%)

Slow Annual Growth from 2014-2022 (3.1%)

Historical Annual Energy:
Overall energy consumption over a period of time

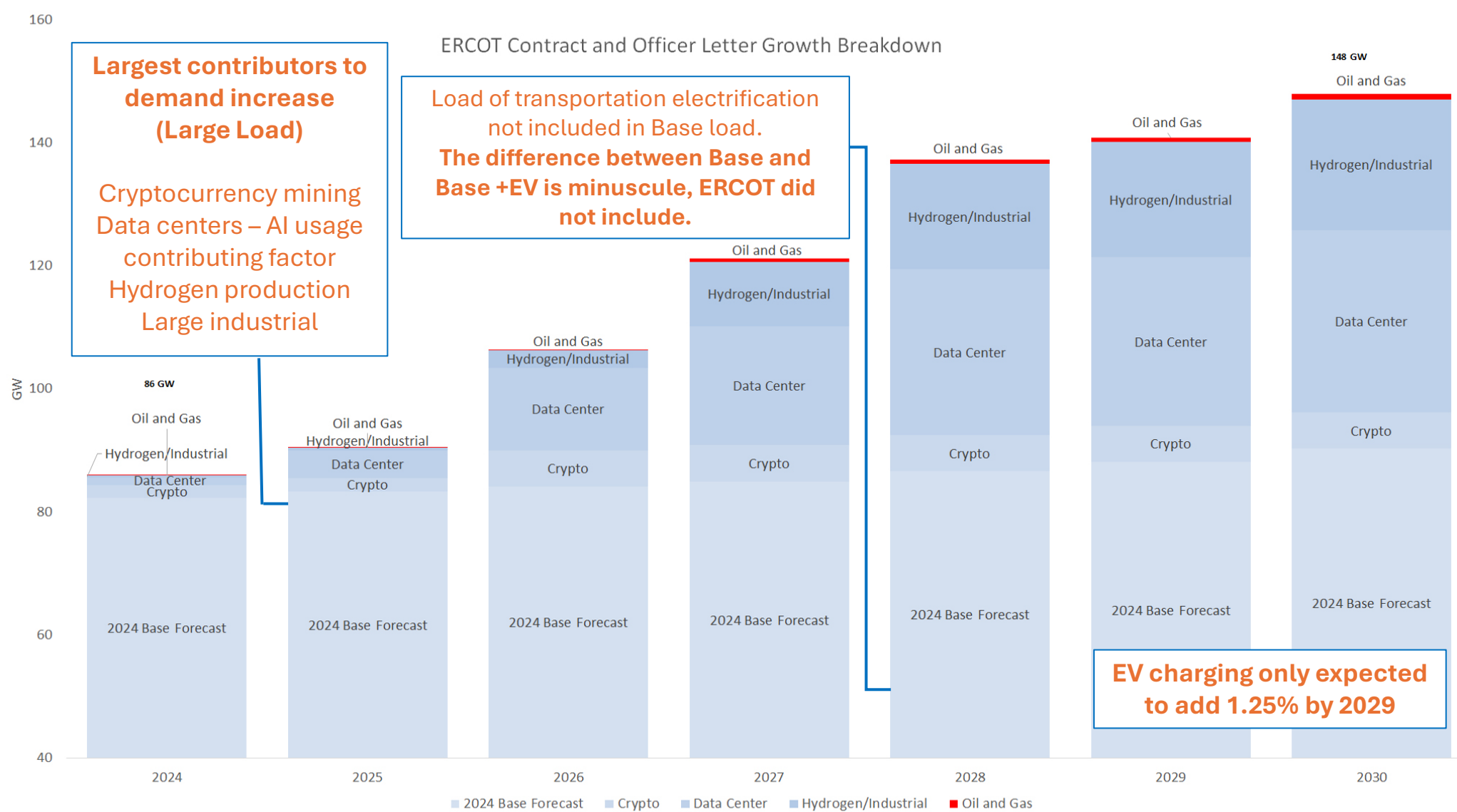
ERCOT's 2024 expected peak demand capacity: 103,609 MW

Total demand of ~27,000 planned NEVI *ports at maximum rate simultaneously: 667 MW

Peak Demand:
Highest level of electricity demand in a given period, usually a day, a month, or a year.

Source: www.ercot.com/gridinfo/load/forecast -> Long-Term Hourly Peak Demand and Energy Forecast

ERCOT Large Load Growth



Project Overview

Objectives:

- Create North Texas Resilient Electric Vehicle (NTX-REV) plan for region

Impacts:

- Provide recommendations for resilient EV infrastructure
- Ensure critical EV travel continuity

Funding:

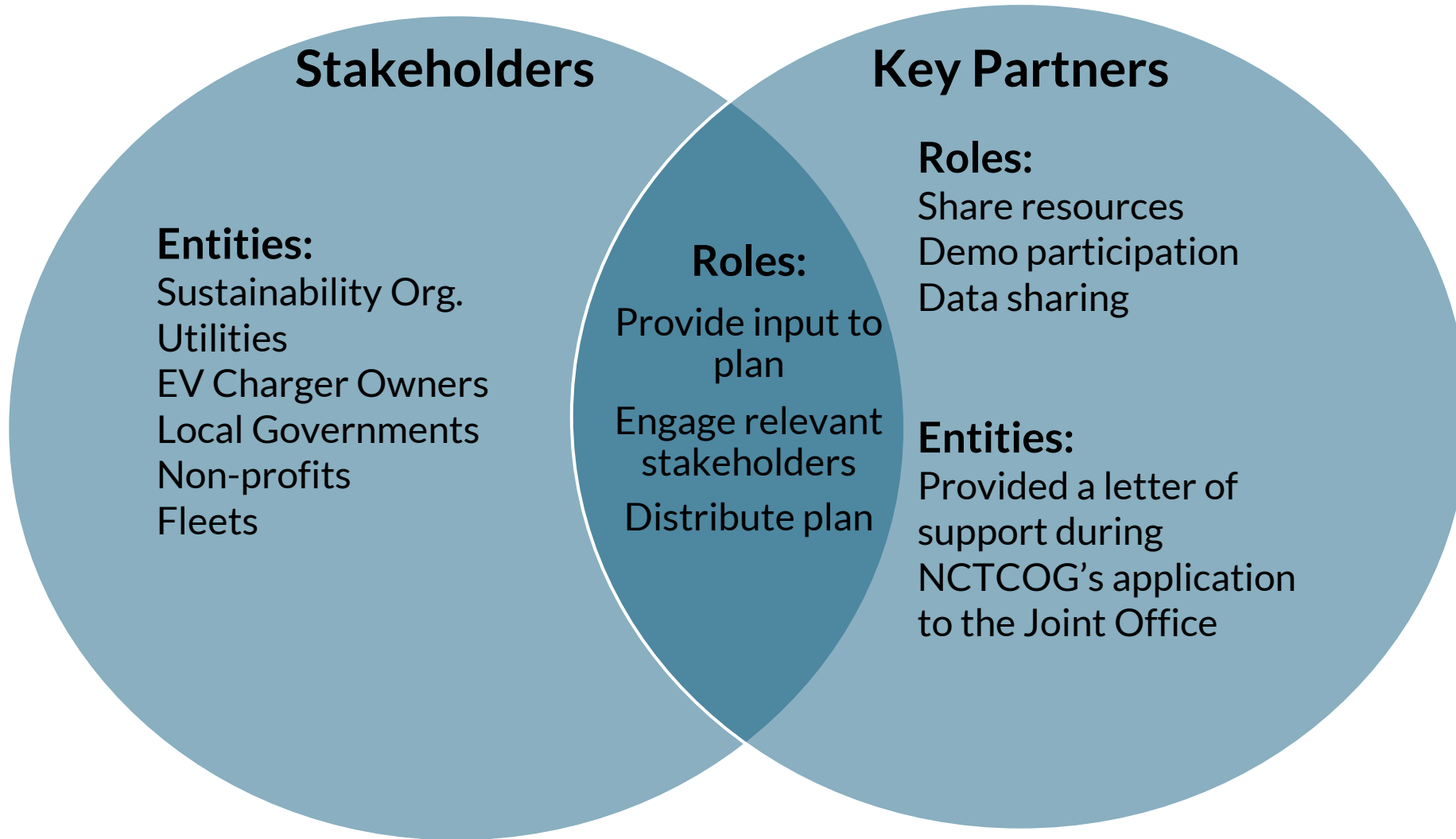
- Funded by \$1.5 million award from Bipartisan Infrastructure Law, Department of Energy (DOE) Joint Office of Energy & Transportation

Timeline:

- 30-month project expected to finish early 2027*
 - Budget Period (BP) 1: October 2024 to July 2025
 - BP 2: August 2025 to September 2026
 - BP3: October 2026 to March 2027

*Timeline may be adjusted pending DOE approval

NTX-REV Project Team



Project Manager

NCTCOG
Transportation Department
Emergency Preparedness
Department

Role:
Coordinate Meetings
Create Plan
Manage/Project and Budget



Budget Period 1 Activities

October 2024- July 2025*

Research and Engagement

- Establish stakeholder group and hold regular meetings
- Assess existing resilience plans and projects
- Inventory resilience strategies

NTX-REV Plan Drafting

- Identify key electrified transportation assets and operations
- Conduct a SWOT analysis
- Conduct a gap analysis

BP 1 Activities Cont.

SWOT Analysis

- Measure current ability of region to maintain critical operations during grid failure
 - Strengths- What assets do we currently have to support our resiliency?
 - Weaknesses- Where are current risks?
 - Opportunities- What areas could we improve to better support resiliency?
 - Threats- Obstacles that would preclude us from implementing the plan?

Gap Analysis

- Identify difference between resilient charging infrastructure **currently** in the region vs what infrastructure is **needed**



Source: Getty Images

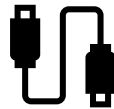
Resilience Strategies to Investigate

Off-grid charging which operates regardless of grid conditions

Managing charging to ensure it occurs outside of peak demand hours

Technology options:

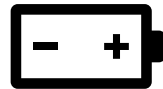
Smart Charging Management



Hydrogen Fuel Cell



Energy Storage
Systems/Batteries/Generators
Mobile Charging



Solar



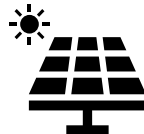
Bidirectional Charging



Wind



Microgrids



[See Whitepaper titled, "Planning for Resilient EV Charging Infrastructure"](#). Developed by NCTCOG
The Texas State Energy Conservation Office (SECO). Highlights key strategies for achieving resilient EV charging

Future Activities

Budget Period 2: August 2025 – September 2026*

Demo Project Development & Implementation

- Identify and complete demonstration projects
 - Tabletop Planner Exercise
 - Technology and Equipment Field Demo

Budget Period 3: October 2026 – March 2027*

Plan Finalization and Distribution

- Summarize findings from research and demonstration projects to finalize NTX-REV plan
- Compile materials for stakeholder distribution
- Disseminate and promote NTX-REV

Next Steps

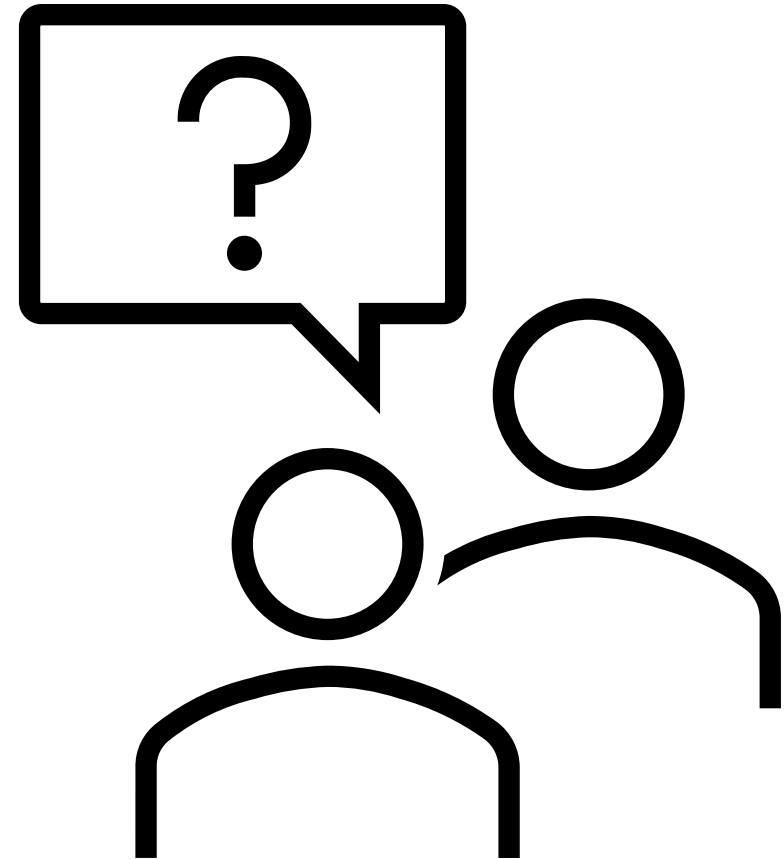
- Complete Stakeholder Form
 - Send form to any relevant potential stakeholders
 - An informational one-pager on this project will be provided as a follow-up
- Join our Microsoft Teams channel
- Stay tuned for our upcoming regional stakeholder engagement meeting (expected March 26, 2025)
- Contact us at cleancities@nctcog.org with any additional questions

Planning Resilient EV Charging in North Texas Stakeholder Form



Q/A and Feedback

- **Submit your feedback to the following:**
 - What transportation assets in the region, or in your organization, should we plan to make resilient in the case of a grid outage?
 - What resilient EV charging technologies/strategies are of the most interest to your entity?



Contact Us



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dfwcleancities.org



[Planning Resilient EV Charging in Texas | DFWCC](#)



cleancities@nctcog.org



[Dallas-Fort Worth Clean Cities: LinkedIn](#)



City of Arlington Multimodal Delivery Demonstration

DFW Clean Cities Showcase

Feb. 26, 2025

Project Overview

- Project Description:
 - Test and evaluate innovative, autonomous food delivery
 - Using electric, autonomous air and ground robots for deliveries
 - Study public adoption trends and energy benefits
- Two year project, with funding from the US Department of Energy
 - Promote innovation in transportation to deploy clean energy technologies
- Project Team:



Community Engagement

Survey (Spring 2024)

Stakeholder Input (Spring 2024):

- DFW Clean Cities Coalition
- North Texas Uncrewed Aircraft Systems Task Force

Community Workshop (May 2024)

Neighborhood Presentations (Summer 2024)

Mailers, Website, Social Media posts (Summer 2024)



Survey Results

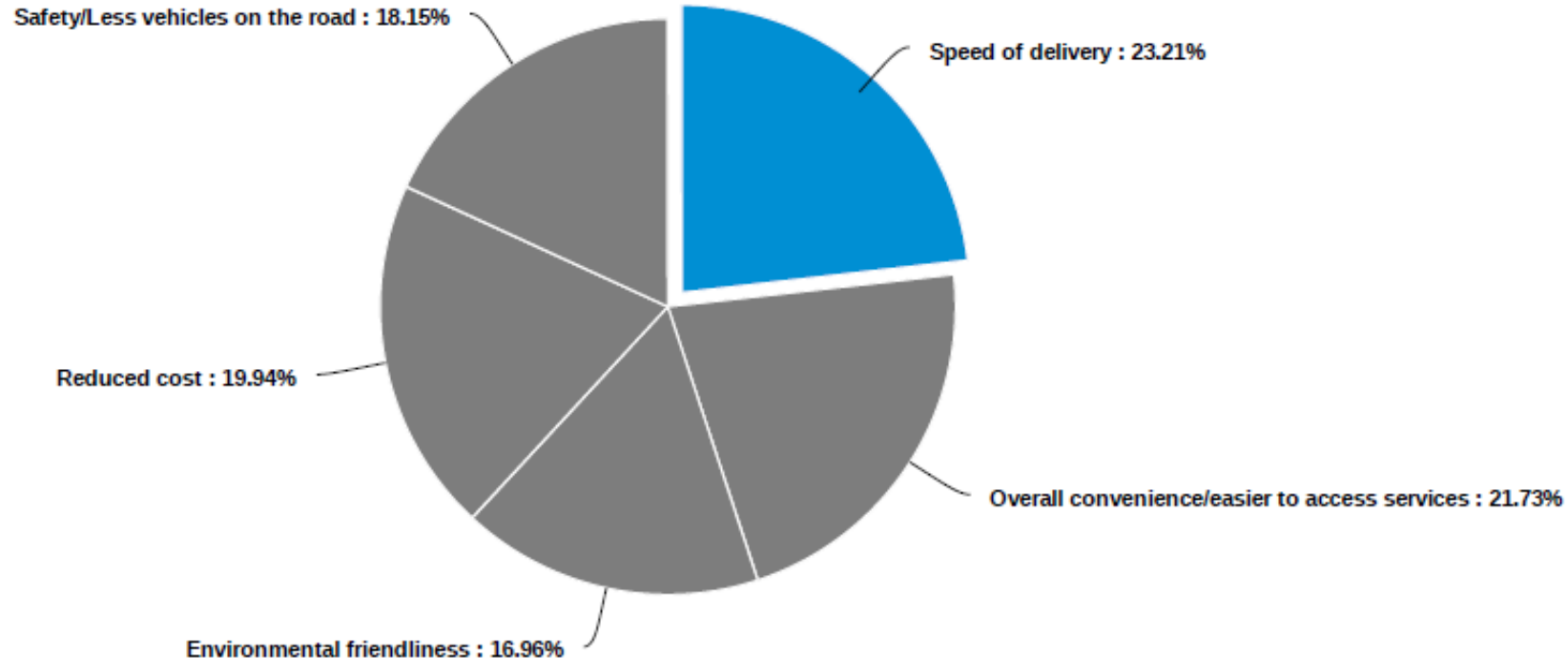
Survey conducted in May and June 2024; ~200 responses

76% of responders have ordered food or groceries online for home delivery

60% have some familiarity with uncrewed air or ground vehicles

11% have ever interacted with an uncrewed air or ground vehicle

Benefits of Uncrewed Air and Ground Delivery Vehicles



Survey Results

How much do you support the use of UAS (Uncrewed Aircraft System) or ground robot system for following purposes?

Statement	Stongly Object	Object	Neutral	Support	Strongly Support	Overall
Military Activities	19 10.27%	11 5.95%	31 16.76%	42 22.7%	82 44.32%	185 100%
Search and Rescue Operations in Remote or Rugged areas	5 2.7%	2 1.08%	8 4.32%	34 18.38%	136 73.51%	185 100%
Aerial Mapping/ Surveying	6 3.28%	6 3.28%	25 13.66%	42 22.95%	104 56.83%	183 100%
Traffic Monitoring	14 7.57%	10 5.41%	27 14.59%	60 32.43%	74 40%	185 100%
Small Package Delivery	28 15.3%	25 13.66%	34 18.58%	44 24.04%	52 28.42%	183 100%
Recreational Use	17 9.29%	20 10.93%	66 36.07%	37 20.22%	43 23.5%	183 100%
Other	14 8.7%	10 6.21%	106 65.84%	14 8.7%	17 10.56%	161 100%



Survey Results

What are some concerns you might have around UAS (Uncrewed Aircraft System) or ground robot delivery system?

Statement	No Concern	Somewhat Concerned	Extremely Concerned	Overall
Accidents and injury	35 19.77%	80 45.2%	62 35.03%	177 100%
Noise level	89 51.45%	63 36.42%	21 12.14%	173 100%
Loss of privacy	53 31.36%	55 32.54%	61 36.09%	169 100%
Theft of packages	32 18.93%	74 43.79%	63 37.28%	169 100%
Legal liability	43 25.6%	76 45.24%	49 29.17%	168 100%
Other	64 60.95%	21 20%	20 19.05%	105 100%



First Delivery Demonstration

Dates: September 9 to 13, 2024

Location: East Arlington neighborhoods

Target Participants: Food Bank clients,
other residents

Goal: 150 grocery box deliveries

1. Food Bank packs grocery boxes
2. Aircraft transports grocery box from hub to distribution point
3. Grocery box transferred to ground robot
4. Ground robot transports boxes to participant home



Vehicle: Aerialoop ALT6-4 VTOL



- Speed: 50 mph
- Payload: 9 pounds
- Range: 25 miles
- Redundant rotors
- Built-in ballistic parachute
- Vertical take-off and landing, transitions to forward flight



Dimensions:

- Wingspan: 8½ feet
- Length: 6 feet

Aircraft Route

Air Robot Route (~0.45 miles)



Within City-owned park land

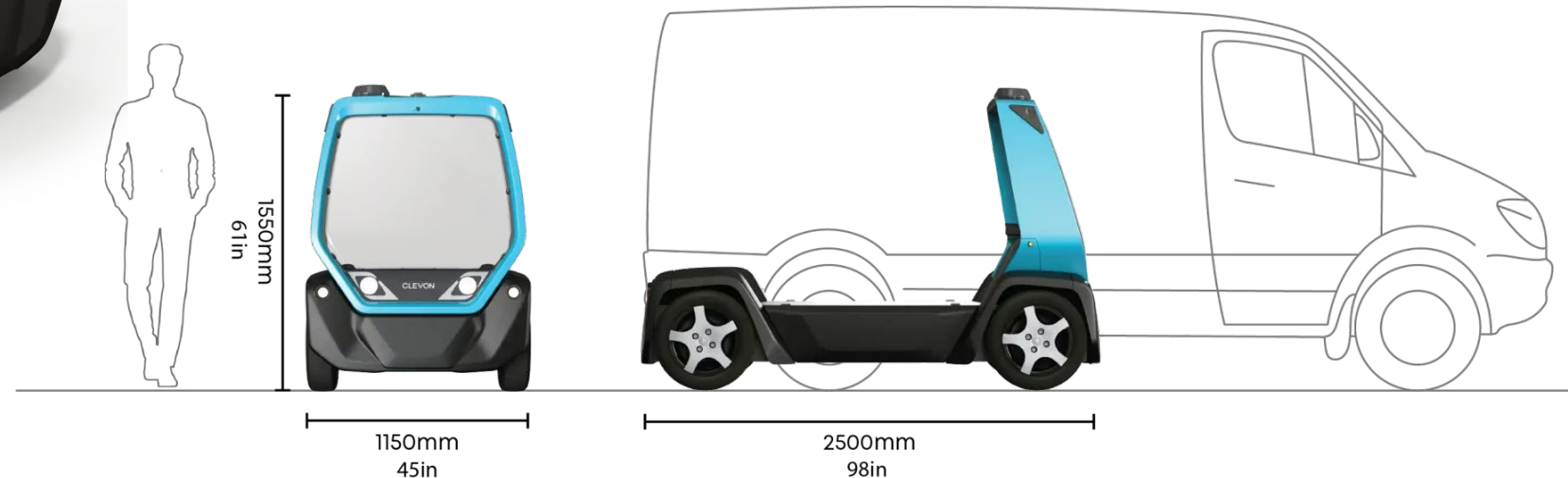
One street crossing, monitored

Pilot on each end of route,
maintained visual line of site

No FAA waiver required

Vehicle: Clevon Autonomous Robot Carrier*

- Speed: 15 mph max on 40 mph roads
- Sensors: 360 degree view
- Power: fully electric
- Range: 50 miles per charge
- Charging: ~1 hour



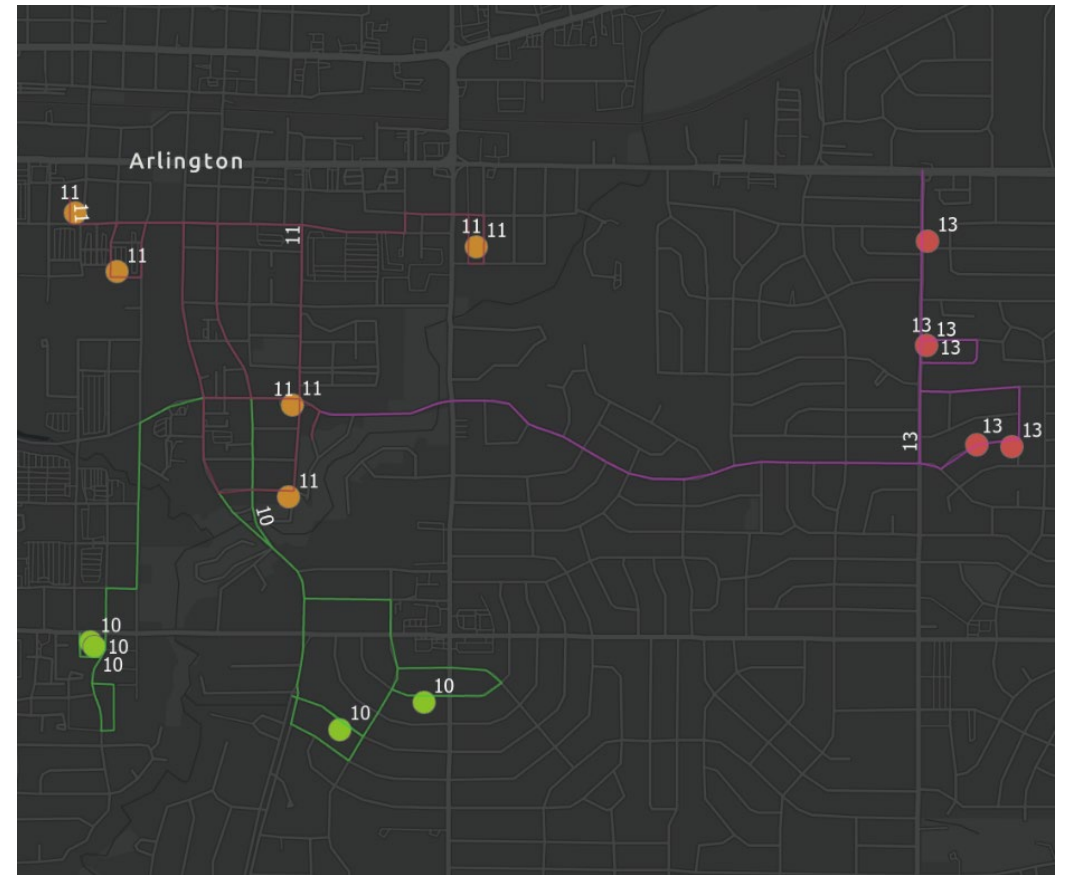
*Clevon is only participating in Demonstration 1

Ground Routes

Eligible Delivery Zone (3.5 sq miles)

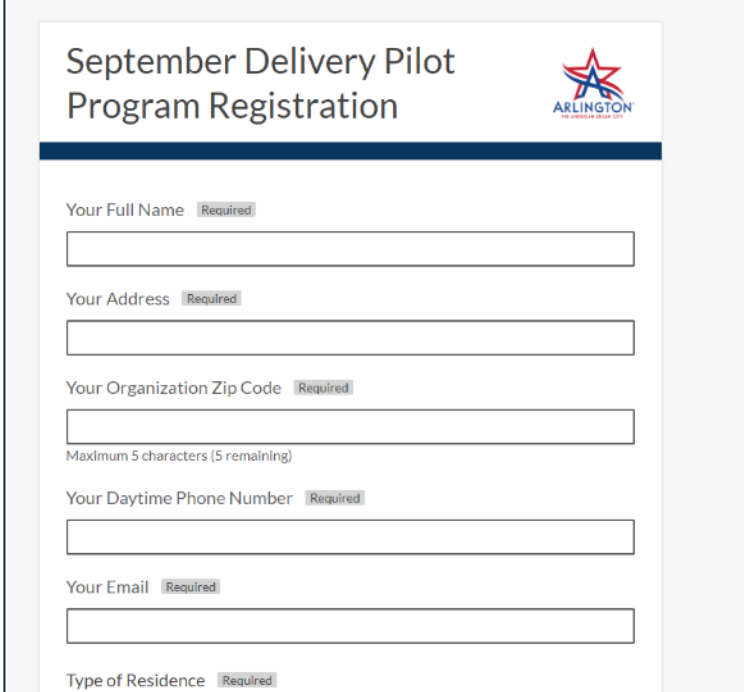


Ground Robot Example Routing




Participant Experience

1. Participants sign up online or by calling the City.
2. City verifies address and adds delivery to the route plan; participants notified of delivery date, time window, and code to open delivery bay.
3. On delivery date and time, participants wait for the ground robot to roll up to their residence.
4. Type in unique code to receive grocery delivery.
5. Fill out a quick survey about the experience.



September Delivery Pilot Program Registration



Your Full Name Required

Your Address Required

Your Organization Zip Code Required

Maximum 5 characters (5 remaining)

Your Daytime Phone Number Required

Your Email Required

Type of Residence Required



Results – Flight Operations

81 grocery boxes transferred

162 flights total



Date	Time Range	Total Flights	Total Grocery Boxes	Battery Charges
Mon, Sept. 9, 2024	10:33 – 16:26	28	14	7
Tue, Sept. 10, 2024	8:34 – 16:40	38	19	10
Wed, Sept. 11, 2024	8:41 – 13:33	24	12	6
Thurs, Sept. 12, 2024	8:30 – 17:08	60	30	15
Fri, Sept. 13, 2024	8:42 – 11:04	12	6	3

Results – Ground Operations

139 grocery boxes delivered

26 routes total



Date	Time Range	Routes Completed	Total Grocery Boxes	Hand Delivered
Mon, Sept. 9, 2024	9:57 – 15:26	5	25	4
Tue, Sept. 10, 2024	10:00 – 14:59	6	33	9
Wed, Sept. 11, 2024	9:10 – 13:16	5	27	6
Thurs, Sept. 12, 2024	8:53 – 13:36	5	27	15
Fri, Sept. 13, 2024	10:14 – 14:32	5	27	13

Results - Participant Survey

Satisfied with delivery service?

94% very satisfied and satisfied

Easy to access groceries?

98% very easy and easy

Delivery process feel secure?

96% very secure and secure

Likely to use service again?

94% very likely and likely



Demonstration 2 Plans

Goals:

- Complete >150 deliveries
- Onboard new ground robot provider
- Expand flight path for aerial robot
- Allow participants more control over deliver times
- Gather more post-delivery survey responses
- Streamline food packaging process



Next Steps

- Preparing for Spring 2025 demonstration
 - Finalize operational area and air robot routing
 - Participant recruitment
 - Apply lessons learned from Demonstration #1
- Final reporting and deliverables
 - Cost Model
 - Energy and Emissions Analysis
 - Scalability and Replication Guide

Stakeholder Feedback: Clean Cities Coalition

Questions about the project?

Priority cargo for delivery in North Texas? (medication, food, other, etc.)

Technology opportunities for food delivery in North Texas?

Any concerns about safety and/or regulatory environment?

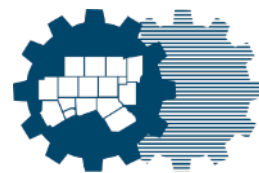
Any concerns about community acceptance?

Other feedback?

Discussion

Ann Foss, Ph.D., AICP
City of Arlington
Ann.Foss@arlingtontx.gov





Other Opportunities to Improve Air Quality

North Central Texas Council of Governments | 2.26.2025



Images Source: <https://www.gettyimages.com/>





North Central Texas Reuse Marketplace

**North Central Texas Council of Governments
Department of Environment and Development**

February 26, 2025

North Central Texas Reuse Marketplace

NCTCOG: Department of Environment and Development

- Work with a diverse set of stakeholders to address regional challenges
- Facilitate committees that work to find solutions to regional challenges
- Funded through grants and local partners



North Central Texas Reuse Marketplace

Partnership between Rheaply, Inc. and NCTCOG

- NCTCOG is the state-designated planning agency for municipal solid waste in the 16-county region
 - Regional Solid Waste Management Plan 2022-2042

Goal #1

Support
Materials
Management
Education and
Training

Goal #2

Promote Creation
and Expansion of
Waste
Management
Programs

Goal #3

Measure Regional
Waste Reduction
Efforts

Goal #4

Support and
Encourage
Innovative
Technologies for
Other Waste

Goal #5

Promote Public
and Private Sector
Partnerships

- Regional Solid Waste Implementation Project, FY24-25

Introducing the North Central Texas Reuse Marketplace

Rheaply



North Central Texas
Council of Governments

North Central Texas Reuse Marketplace

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- NCTRM is a **free-to-use** resource exchange platform:



Source materials from local businesses



Save time by procuring across the region



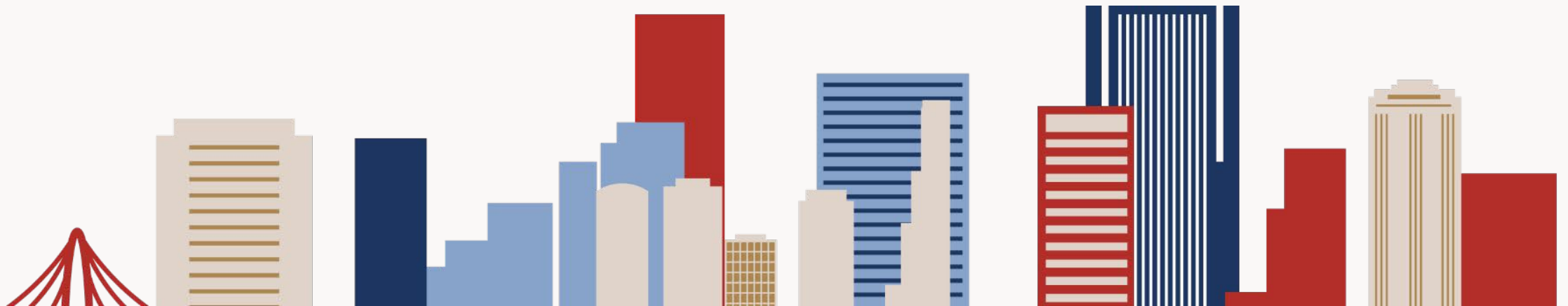
Reduce your organization's carbon footprint



Turn waste into revenue

Introducing the NCT Reuse Marketplace

The NCT Reuse Marketplace connects businesses and organizations to develop and scale new reuse and recycling market opportunities.



Do you know if you are eligible for an account on NCTRM? Are you...

- A government entity
- A regional business and/or organization, including, but not limited to, school districts and other educational institutions
- A non-profit organization

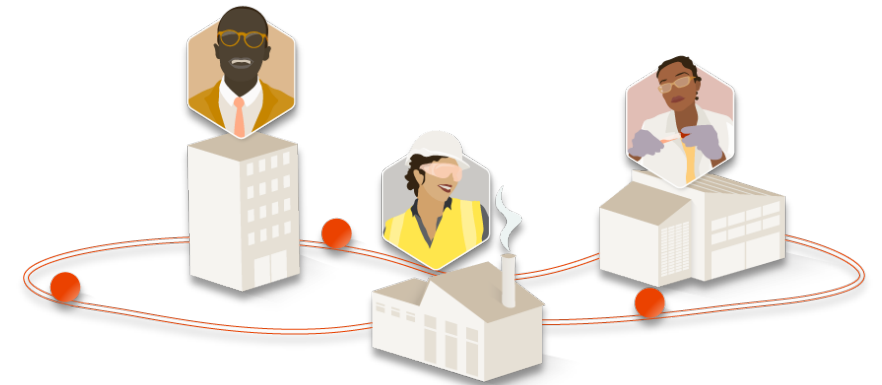
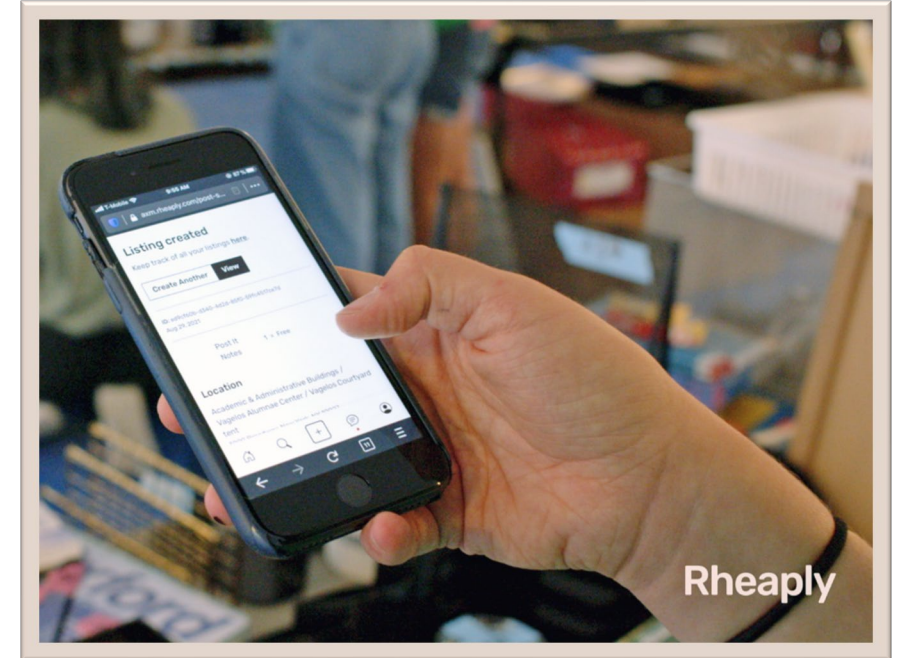
If so, you're eligible!

It's free! Any business or organization in North Central Texas can register to take a look at Rheaply's [dashboard](#), donate or sell things no longer needed, or make offers on items already available.

North Central Texas Reuse Marketplace

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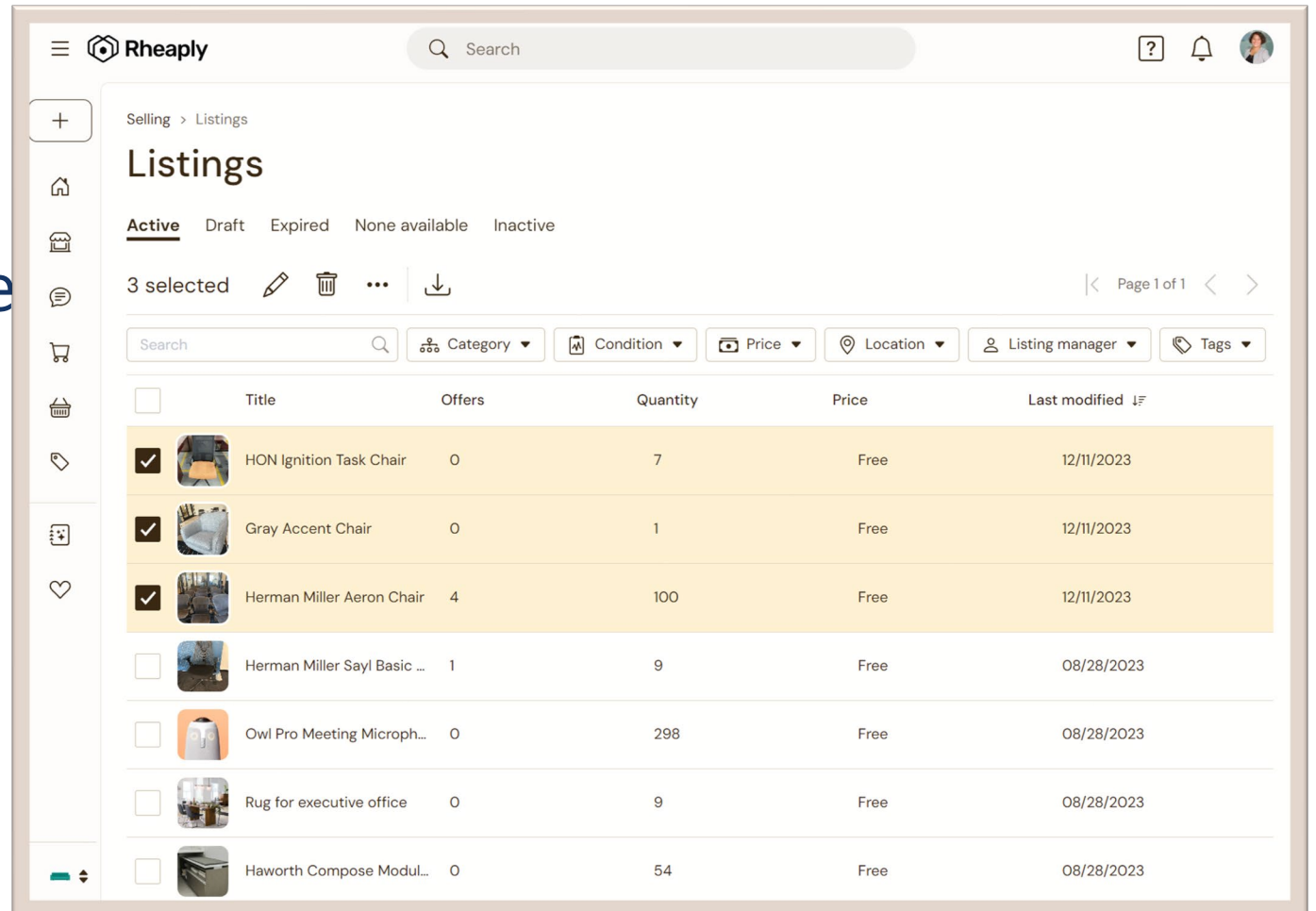
- A digital platform that allows your organization to buy, sell, and donate reclaimed office assets and building materials
- Know what you already have
- Use what you already have
- Sell what you no longer need










North Central Texas Reuse Marketplace

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- Know what you have
- Use what you already have
- Sell what you no longer need



The screenshot shows the 'Listings' page in the Rheaply interface. The page title is 'Listings' and it is under the 'Selling > Listings' section. The status is 'Active'. There are 3 items selected. The table below lists the items with their titles, offers, quantities, prices, and last modified dates.

<input type="checkbox"/>	Title	Offers	Quantity	Price	Last modified
<input checked="" type="checkbox"/>	 HON Ignition Task Chair	0	7	Free	12/11/2023
<input checked="" type="checkbox"/>	 Gray Accent Chair	0	1	Free	12/11/2023
<input checked="" type="checkbox"/>	 Herman Miller Aeron Chair	4	100	Free	12/11/2023
<input type="checkbox"/>	 Herman Miller Sayl Basic ...	1	9	Free	08/28/2023
<input type="checkbox"/>	 Owl Pro Meeting Microph...	0	298	Free	08/28/2023
<input type="checkbox"/>	 Rug for executive office	0	9	Free	08/28/2023
<input type="checkbox"/>	 Haworth Compose Modul...	0	54	Free	08/28/2023

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Share with ⓘ



My organization only

Publish this listing to members of Fortune Corporation.



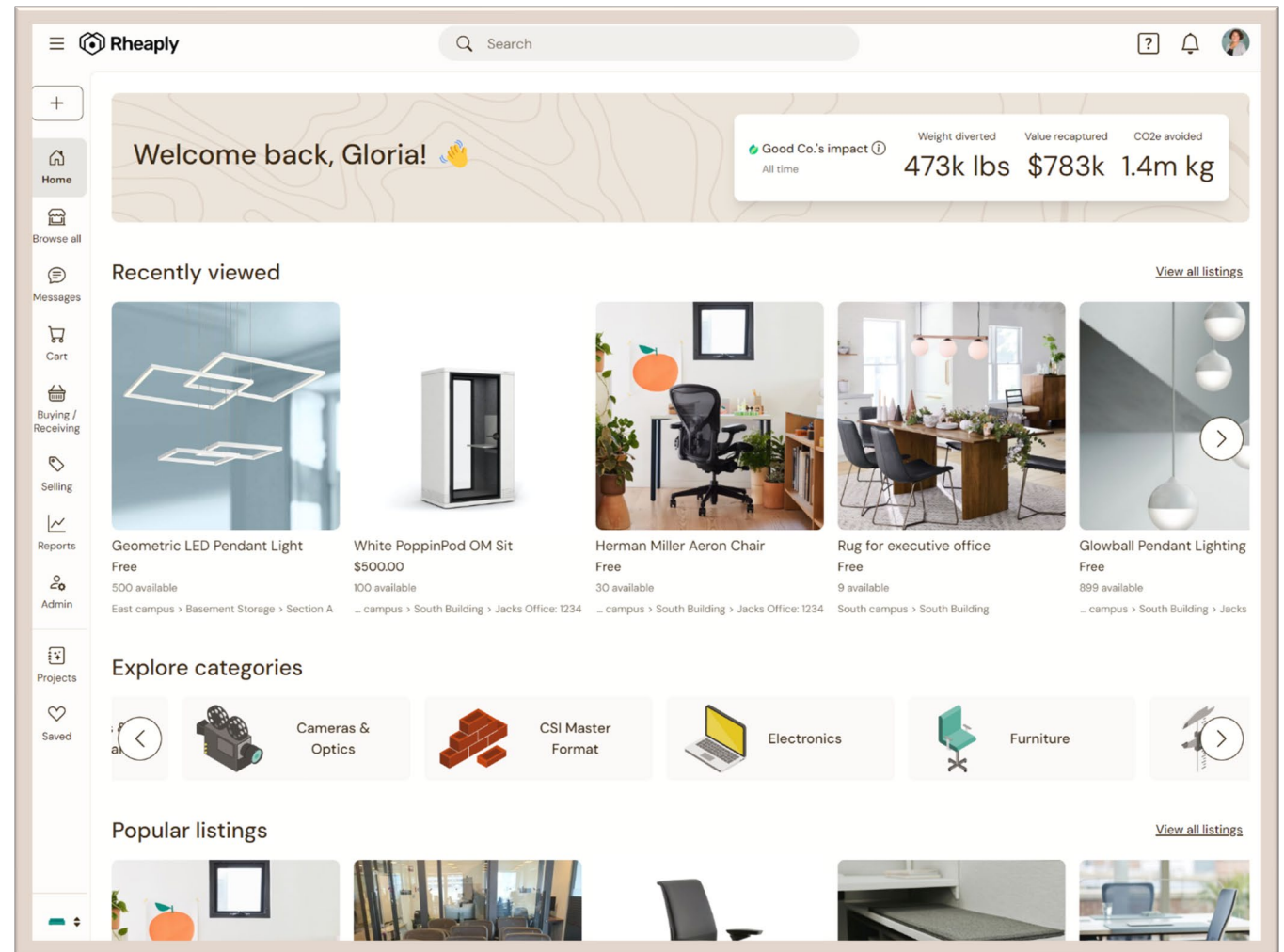
Preferred Network

Publish this listing to your organization's preferred external partners

North Central Texas Reuse Marketplace

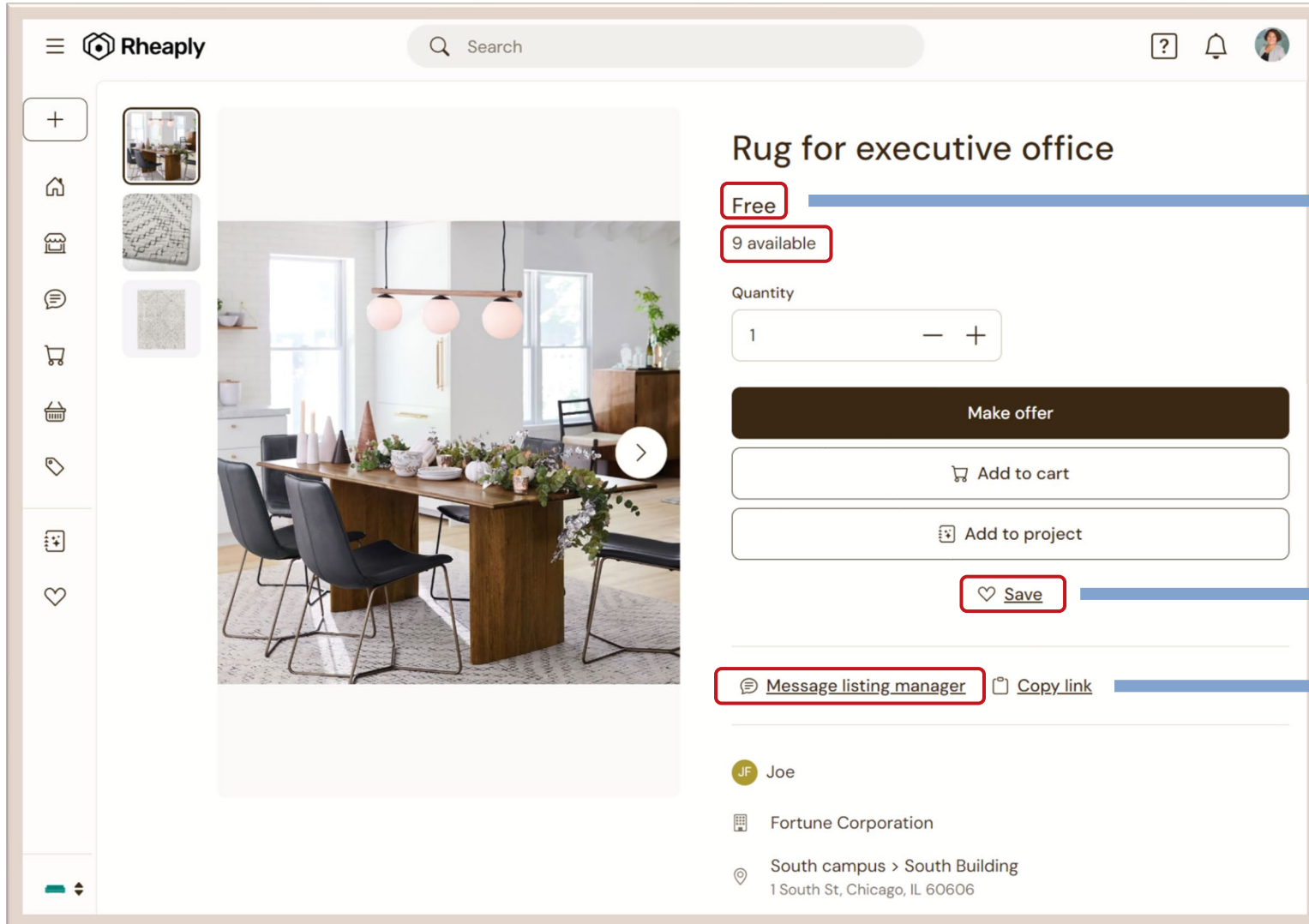
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- Know what you have
- Use what you already have
- Sell what you no longer need



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Price or Make an Offer

Save for Later

Send a Message or Link

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\$30.00 • Used – Acceptable • Offer


100 available

Quantity

1 – +

 Add to cart

 Add to project

 0 active offers

See Other


Checkout

Review and submit offers below. Offers for listings with the same listing manager(s) will be grouped.


Subtotal: Free Units: 7


Submit offers

Listing manager:

 Samantha
Fortune Corporation

For

 HON Ignition Task Chair
Online payment
New
Free
Location >

Units * – +  [Remove](#)

Message

Hello Samantha 🙌, I would like to make an offer for 7 of 'HON Ignition Task Chair'.

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The screenshot displays the Rheaply Reports interface. The top navigation bar includes the Rheaply logo, a search bar, and user profile icons. The main content area is titled "Reports" and features a horizontal menu with tabs for "All", "Engagement", "Inventory", "Tracking", "Sustainability", and "Financial". The "Sustainability" tab is highlighted with a red box. Below the menu, there are six report cards:

- Items exchanged:** Dive into how many items have been listed and exchanged by your organization.
- Top categories:** View the top-performing standard categories based on # of items, value available, or value recaptured.
- Value available & recaptured:** A look into the replacement cost of your items available for exchange or recaptured due to an exchange.
- Weight available:** Visualize and track the total estimated weight of items on the platform that are available for reuse.
- Weight diverted:** The estimated total weight of resources that your organization has diverted due to reuse.

A red arrow points from the "Sustainability" tab to a detailed view of the "Sustainability metric". This view includes:

- Weight per unit:** A dropdown menu with a green checkmark icon and a value of 85.
- Length:** A dropdown menu with a value of 0.
- Height:** A dropdown menu with a value of 0.
- Manufacturer:** A search box with the text "Search or add manufacturers".
- Model number:** A search box with the text "eg. HM-AC-LG2023".
- Colors:** A search box with the text "Search or add colors".

The "Sustainability metric" is highlighted with a red box and a green leaf icon. A tooltip for this metric reads: "Sustainability metric. Help us measure your organization's positive impact on the environment."

Contact

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youtube.com/user/nctcoged

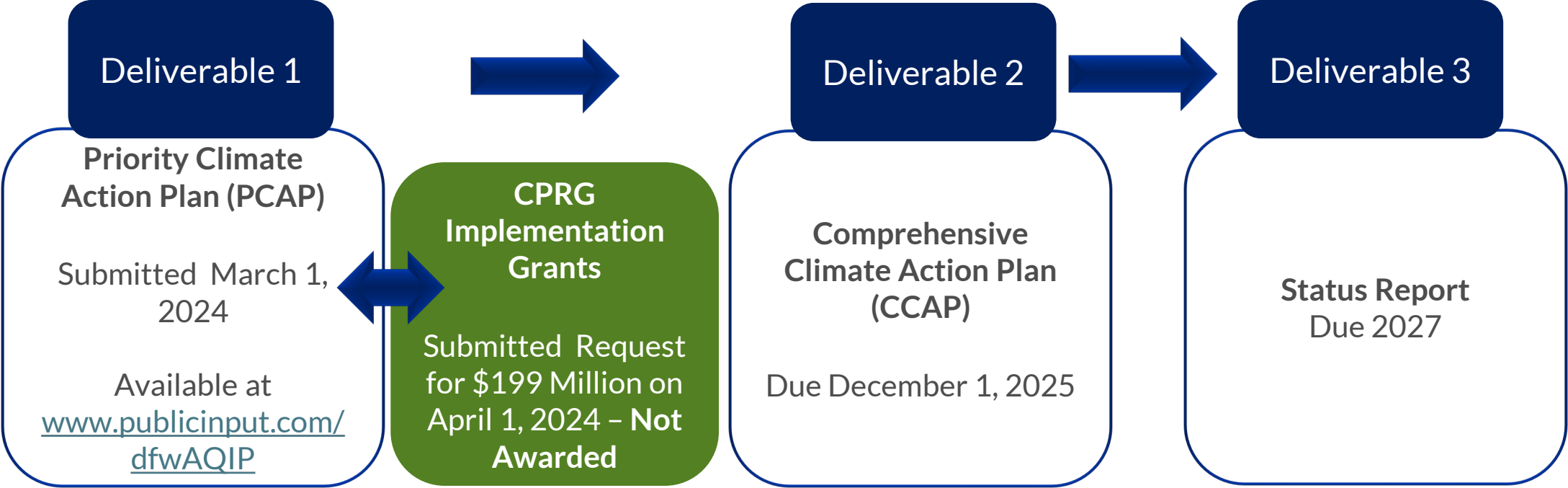


EandD@nctcog.org



nctcog.org/envir

Dallas-Fort Worth Air Quality Improvement Plan



The DFW AQIP-Priority Climate Action Plan development is supported by funding from the Environmental Protection Agency’s (EPA) Climate Pollution Reduction Grants (CPRG): Planning Grants

Air Pollution and the Atmosphere

Greenhouse Gases:

Trap heat in the atmosphere/ozone layer, resulting in the warming on the surface

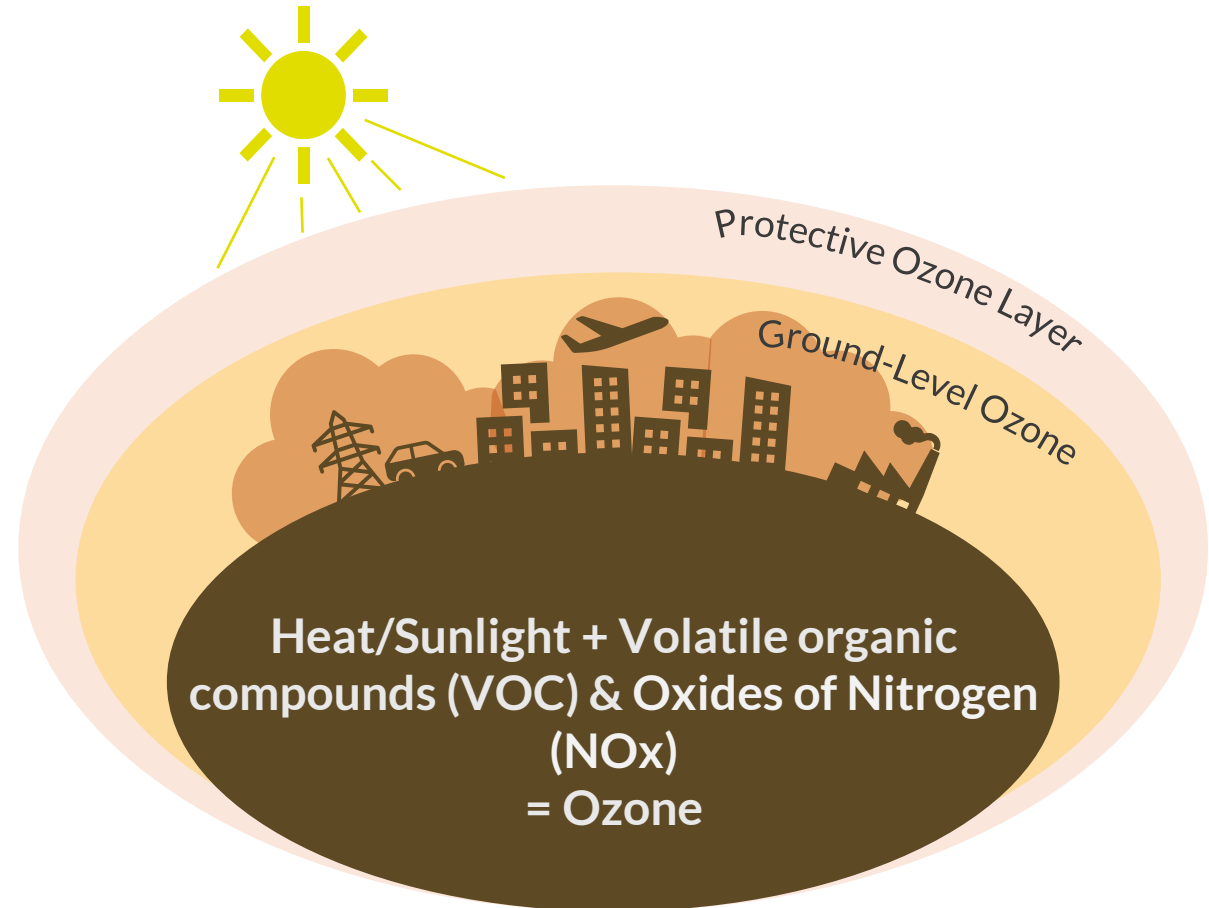
Most common greenhouse gases (GHG):
carbon dioxide and methane

Criteria Air Pollutants :

Reduce air quality and can lead to various health and environmental impacts

National Ambient Air Quality Standards (NAAQS)

Ground- Level Ozone	✗
Lead	✓
Carbon Monoxide	✓
Nitrogen Dioxide	✓
Particulate Matter	?
Sulfur Dioxide	✓



Impacts of Air Pollution

Impacts of Air Pollution



Irregular heartbeat



Decreased lung function, respiratory symptoms, coughing and sore throat



Premature death in people with heart or lung disease



Environmental impacts (acid rain, water quality, crop growth, etc.)



Economic Impacts through Section 185 Fees

Impacts of Increasing GHGs



Global system impacts such as:
Increasing risk of drought and flooding
Increasing severe weather events



Heat related health issues, especially in cities

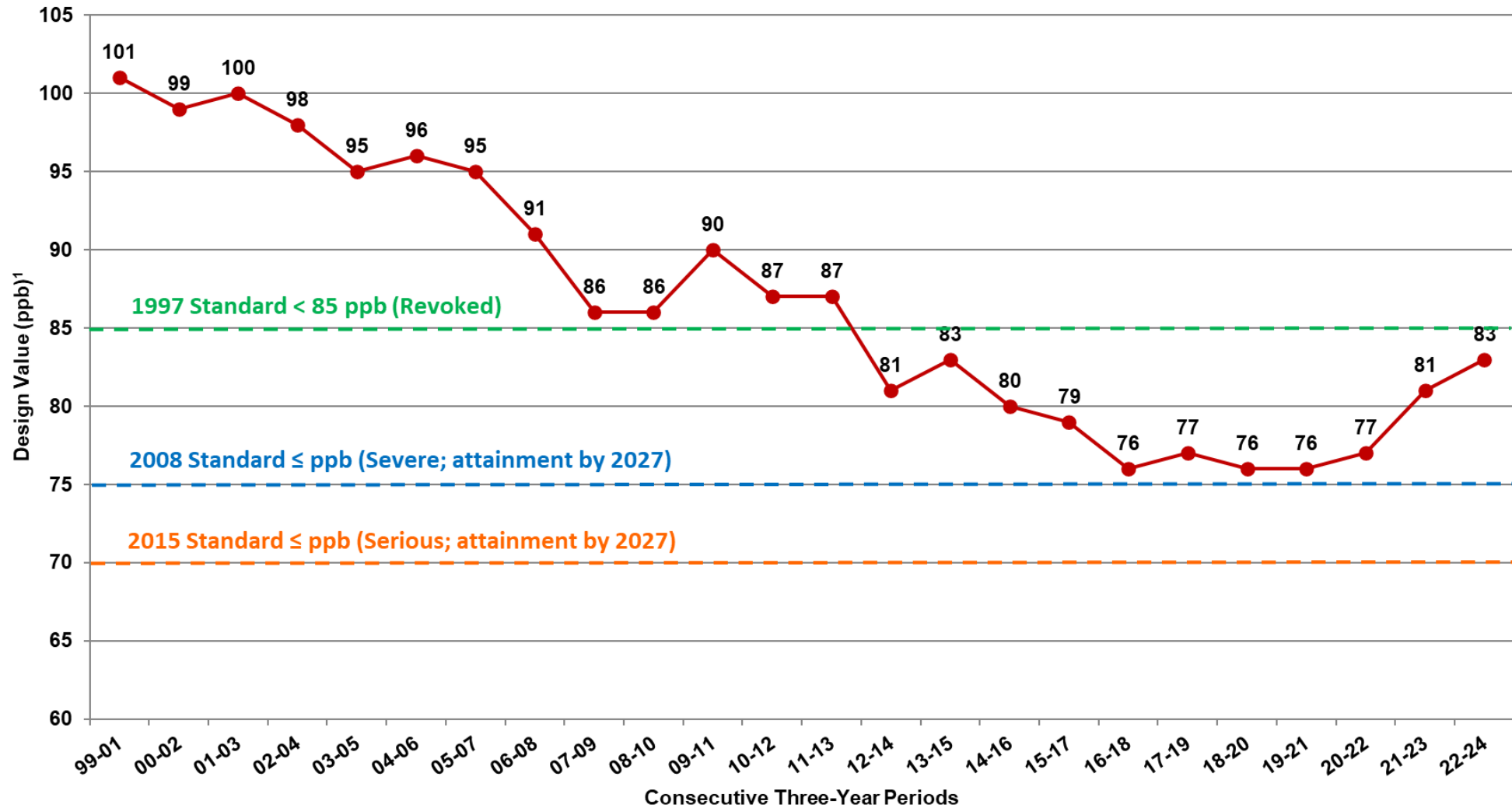


Increase in ground-level ozone formation



Secondary impacts such as changing migration patterns

Ground-Level Ozone Design Value

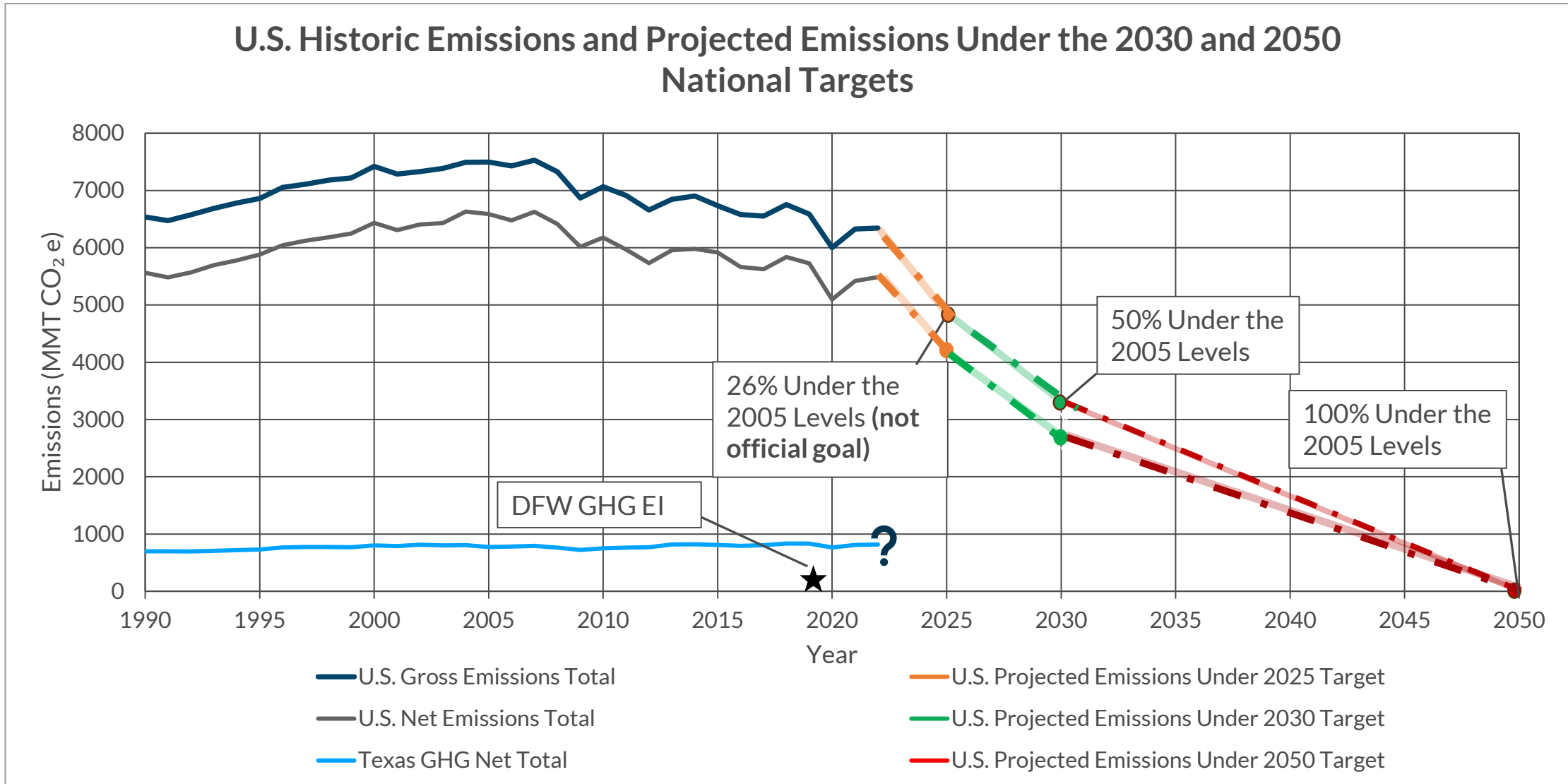


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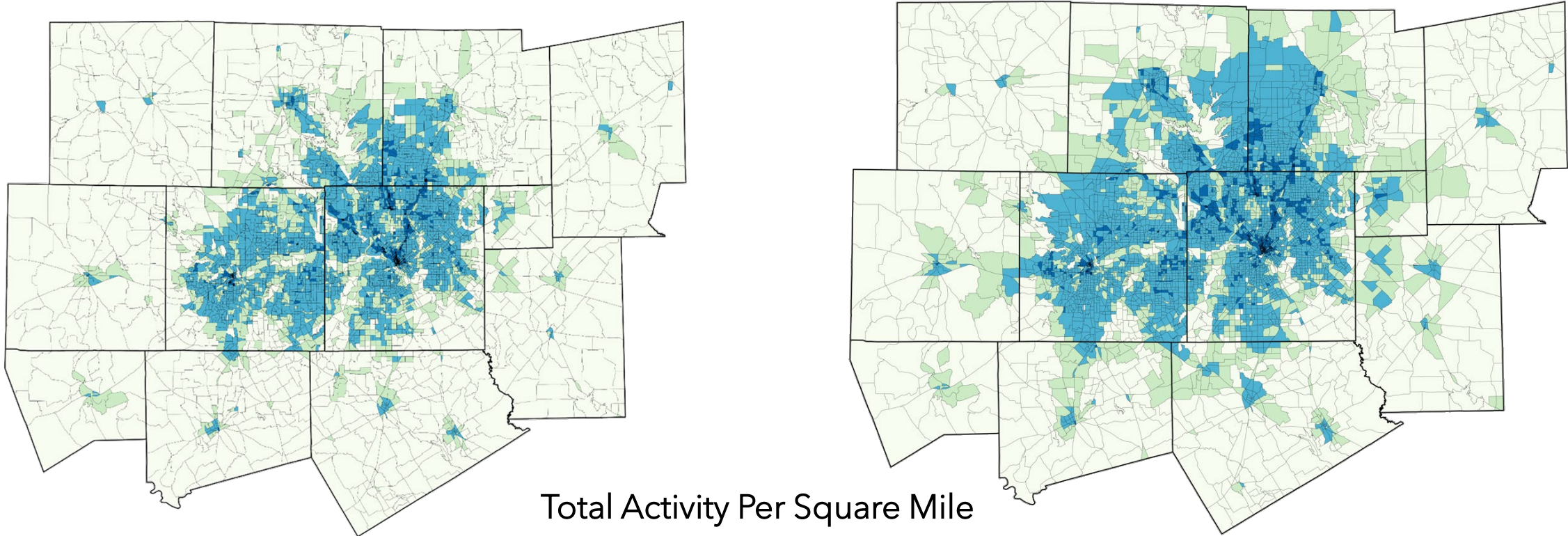
¹Attainment Goal - According to the US EPA National Ambient Air Quality Standards, attainment is reached when, at each monitor, the *Design Value* (three-year average of the annual fourth-highest daily maximum eight-hour average ozone concentration) is equal to or less than 70 parts per billion (ppb).

As of the end of the Ozone Season 2024
 *Data Not Confirmed by EPA yet

Greenhouse Gases



2050 Population Forecast for DFW MPA



**2019 Population Estimate:
7,528,004**

**2050 Population Estimate:
12,297,156**

Source: www.nctcog.org/executive-director/nctcog-executive-board - November 2024 Item 15

DFW AQIP –PCAP Measure Sectors

Measure can be a policy, project, or program



Transportation

13 Measures



Waste Management

6 Measures



Energy

6 Measures



Agriculture, Forestry, and Land-Use

5 Measures



Water, Wastewater, and Watershed Management

9 Measures

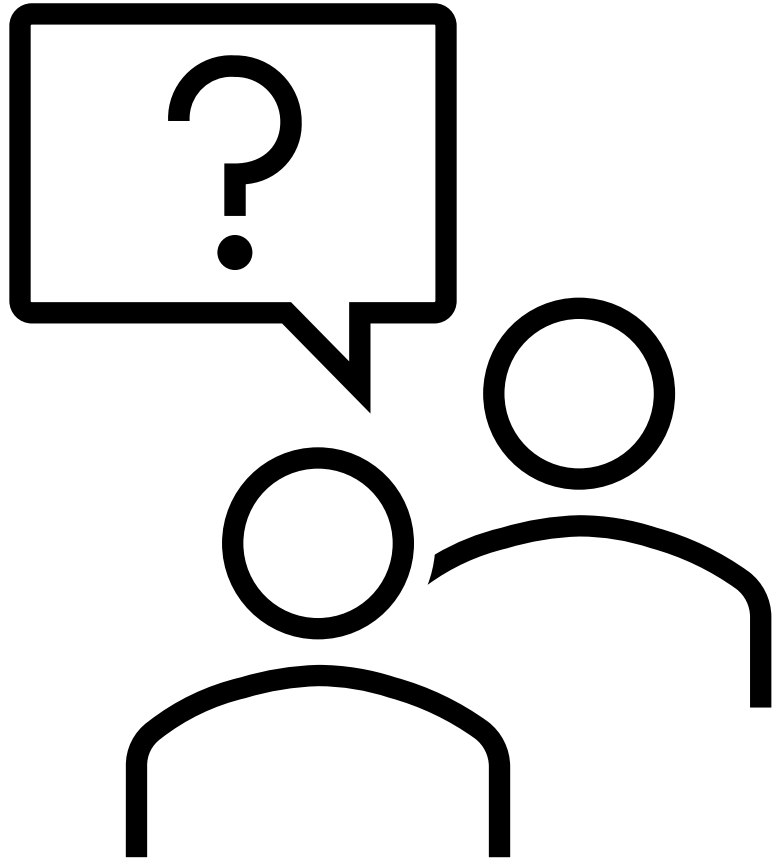


Cross-Sector

5 Measures

Image Source: <https://www.gettyimages.com/>

Q&A + Engagement



How can your organization improve air quality?

Tell us what you are interested in by adding stickers next to the measures on the table!

Get Involved with DFWCC

Contact us at cleancities@nctcog.org for any questions on fleet transition planning, funding opportunities, or other inquiries

Upcoming webinars and events posted regularly at dfwcleancities.org/events

- March 25-27 : Heavy-Duty Zero-Emission Vehicle Webinar Series

Complete the **DFWCC Annual Survey** by March 21, 2025 to report your fleets efforts to improve air quality help measure regional efforts to reduce emissions at www.dfwcleancities.org/annualreport

Sign up for DFWCC weekly email list and follow DFWCC LinkedIn at: dfwcleancities.org/getinvolved



North Central Texas
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Dallas-Fort Worth
CLEAN CITIES

