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**CITY SECRETARY
DALLAS, TEXAS**



City of Dallas

**ENVIRONMENTAL COMMISSION
REGULAR MEETING**

Public Notice

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POSTED CITY SECRETARY
DALLAS, TX

**December 13, 2023 at 5:30 p.m.
Dallas City Hall, 6ES Council Briefing Room and Videoconference (Webex)**

Videoconference Link: <https://bit.ly/EVCDEC23>

Telephone: +1-469-210-7159 United States Toll (Dallas)

+1-408-418-9388 United States Toll

Access code: 2495 596 7443

The City of Dallas will make Reasonable Accommodations/Modifications to programs and/or other related activities to ensure any and all residents have access to services and resources to ensure an equitable and inclusive meeting. Anyone requiring auxiliary aid, service, and/or translation to fully participate in the meeting should notify the Office of Environmental Quality & Sustainability by calling (214) 671-8522 three (3) business days prior to the scheduled meeting. A video stream of the meeting will be available twenty-four (24) hours after adjournment by visiting <https://dallastx.new.swagit.com/views/113>.

Individuals and interested parties wishing to speak must register with the Office of Environmental Quality & Sustainability by [filling out this form](#) or calling (214) 671-8522, at least twenty-four (24) hours prior to the meeting date and time.

La Ciudad de Dallas llevará a cabo "Adaptaciones Razonables" a los programas y/o otras actividades relacionadas para garantizar que todos y cada uno de los residentes tengan acceso a los servicios y recursos para garantizar una reunión equitativa e inclusiva. Cualquier persona que necesite ayuda auxiliar, servicio y/o traducción para participar de forma plena en la reunión, debe notificar a la Oficina de Calidad Ambiental y Sustentabilidad llamando al (214) 671-8522 o TTY (800) 735-2989, cuarenta y ocho (48) horas antes de la reunión programada. Una transmisión de video de la reunión estará disponible dos días hábiles luego del levantamiento de la reunión visitando

<https://dallastx.new.swagit.com/views/113>.

Las personas y las partes interesadas que deseen hacer uso de la palabra deben registrarse con la Oficina de Calidad Ambiental y Sustentabilidad [aquí](#) o llamando al (214) 671-8522, veinticuatro (24) horas antes de la fecha y horario de la reunión.

Kathryn Bazan, Chair, District 9
Esther Villarreal, Vice Chair, District 6

Teresita Delgado, District 1
Mark Wootton, District 2
Michael Cook, District 3
Tracy Wallace, District 5
Temeckia Derrough, District 7
Renee Roberson, District 8

Andrew Siegel, District 10
Colleen Murray, District 11
Barry Lachman, District 12
Paula Day, District 14
Julie Hiromoto, District 15

AGENDA

- I. **Call to Order**
- II. **Announcements**
- III. **Public Speakers**
- IV. **Approval of Minutes**
 - a. November 8, 2023
- V. **Briefing Memorandum**
 - a. **2023 Equity Indicators Report: Environmental Justice Measures Update**
[Dr. Lindsey Wilson, Director, Office of Equity & Inclusion]
Attachment: Memo
- VI. **Briefing Items**
 - a. **North Central Texas Council of Governments (NCTCOG) Air Quality Improvement Plan**
[Savana Nance, Senior Air Quality Planner – Transportation Department, NCTCOG]
Attachment: Presentation
 - b. **City of Dallas Brownfields Redevelopment Program**
[Ngozi Nwosu, Brownfields Program Manager, Office of Environmental Quality & Sustainability; Amany Abu-Hijlih, Brownfields Program Coordinator, Office of Environmental Quality & Sustainability]
Attachment: Presentation
- VII. **Discussion Item**
 - a. **Implementation Subcommittee Recommendations on Adoption of SolarAPP+**
Attachment: Memo
- VIII. **Voting Item**
 - a. **Consideration of Approval of Implementation Subcommittee Recommendations on Adoption of SolarAPP+**

IX. Discussion Items

a. Appointment of Members to Subcommittees

b. Monthly Subcommittee Updates

- i. Environmental Health
- ii. Environmental Justice
- iii. Implementation
- iv. Outreach & Engagement
- v. Strategic Partnerships & Innovation

c. Monthly District Updates from Commissioners

d. Upcoming Meetings

- i. Parks, Trails, & the Environment Council Committee
Tuesday, January 9, 2024, 9:00 a.m. – 11:00 a.m. (adjusted for holiday)
- ii. Environmental Commission
Wednesday, January 10, 2024, 5:30 p.m. – 7:30 p.m.

X. Adjournment

Handgun Prohibition Notice for Meetings of Governmental Entities

"Pursuant to Section 30.06, Penal Code (trespass by license holder with a concealed handgun), a person licensed under Subchapter H, Chapter 411, Government Code (handgun licensing law), may not enter this property with a concealed handgun."

"De acuerdo con la sección 30.06 del código penal (ingreso sin autorización de un titular de una licencia con una pistola oculta), una persona con licencia según el subcapítulo h, capítulo 411, código del gobierno (ley sobre licencias para portar pistolas), no puede ingresar a esta propiedad con una pistola oculta."

"Pursuant to Section 30.07, Penal Code (trespass by license holder with an openly carried handgun), a person licensed under Subchapter H, Chapter 411, Government Code (handgun licensing law), may not enter this property with a handgun that is carried openly."

"De acuerdo con la sección 30.07 del código penal (ingreso sin autorización de un titular de una licencia con una pistola a la vista), una persona con licencia según el subcapítulo h, capítulo 411, código del gobierno (ley sobre licencias para portar pistolas), no puede ingresar a esta propiedad con una pistola a la vista."

"Pursuant to Section 46.03, Penal Code (places weapons prohibited), a person may not carry a firearm or other weapon into any open meeting on this property."

"De conformidad con la Sección 46.03, Código Penal (coloca armas prohibidas), una persona no puede llevar un arma de fuego u otra arma a ninguna reunión abierta en esta propiedad."

EXECUTIVE SESSION NOTICE

A closed executive session may be held if the discussion of any of the above agenda items concerns one of the following:

1. seeking the advice of its attorney about pending or contemplated litigation, settlement offers, or any matter in which the duty of the attorney to the City Council under the Texas Disciplinary Rules of Professional Conduct of the State Bar of Texas clearly conflicts with the Texas Open Meetings Act. [Tex. Govt. Code §551.071]
2. deliberating the purchase, exchange, lease, or value of real property if deliberation in an open meeting would have a detrimental effect on the position of the city in negotiations with a third person. [Tex. Govt. Code §551.072]
3. deliberating a negotiated contract for a prospective gift or donation to the city if deliberation in an open meeting would have a detrimental effect on the position of the city in negotiations with a third person. [Tex. Govt. Code §551.073]
4. deliberating the appointment, employment, evaluation, reassignment, duties, discipline, or dismissal of a public officer or employee; or to hear a complaint or charge against an officer or employee unless the officer or employee who is the subject of the deliberation or hearing requests a public hearing. [Tex. Govt. Code §551.074]
5. deliberating the deployment, or specific occasions for implementation, of security personnel or devices. [Tex. Govt. Code §551.076]
6. discussing or deliberating commercial or financial information that the city has received from a business prospect that the city seeks to have locate, stay or expand in or near the city and with which the city is conducting economic development negotiations; or deliberating the offer of a financial or other incentive to a business prospect. [Tex Govt . Code §551.087]
7. deliberating security assessments or deployments relating to information resources technology, network security information, or the deployment or specific occasions for implementations of security personnel, critical infrastructure, or security devices. [Tex Govt. Code §551.089]



Environmental Commission Regular Meeting Minutes

November 8, 2023

AGENDA

LOCATION: City Hall 6ES & Webex

CHAIR KATHRYN BAZAN PRESIDING

PRESENT: [13]

Teresita Delgado, District 1	Kathryn Bazan, District 9
* Mark Wootton, District 2	* ** Andrew Siegel, District 10
Michael Cook, District 3	* Colleen Murray, District 11
Tracy Wallace, District 5	Barry Lachman, District 12
Esther Villarreal, District 6	Paula Day, District 14
Temeckia Derrough, District 7	Julie Hiromoto, District 15
Renee Roberson, District 8	

ABSENT: [0]

**Note: Members of the Environmental Commission participated in this meeting by video conference.*

***Note: Indicates arrival time after meeting called to order/reconvened*

The meeting was called to order at 5:38 p.m. with a quorum of the Environmental Commission present.

ANNOUNCEMENTS

Chair Bazan provided opening announcements.

PUBLIC SPEAKERS

No public speakers registered.

APPROVAL OF MINUTES

Vice Chair Villarreal moved to adopt the October 11, 2023 Environmental Commission meeting minutes as presented. The motion was seconded by Commissioner Derrough and unanimously adopted.

ENVIRONMENTAL COMMISSION MEETING MINUTES

November 8, 2023

BRIEFING ITEMS

I) ForwardDallas Comprehensive Land Use Plan Update: Environmental Justice Briefing + Workshop

[ForwardDallas Project Team, Planning + Urban Design]

Attachment: Presentation (see agenda)

- a) The Commission was briefed on progress of the updated draft ForwardDallas plan, including its environmental justice components. Commissioners previously discussed with Planning + Urban Design staff the idea of an Environmental Justice Overlay that would create additional considerations and requirements for land uses, permits, development plans, land clearing, allocation of resources, and notification to community stakeholders. The Commission discussed the new Area of Focus designation to determine if it will accomplish the same goals. Discussion also centered around how consideration is being given to community-led vision plans created out of self-determination and how authorized hearings are being incorporated into the draft plan. Finally, the Commission discussed the timeline for updating development and zoning codes after the adoption of the ForwardDallas plan and what the public engagement component will include.

II) Comprehensive Environmental & Climate Action Plan (CECAP) Annual Report

[Carlos Evans, Director, Office of Environmental Quality & Sustainability; Paul White II, Assistant Director (I), Office of Environmental Quality & Sustainability; Rosaerlinda Cisneros, Climate Coordinator, Office of Environmental Quality & Sustainability]

Attachment: Presentation (see agenda)

- a) The Commission was briefed on the CECAP progress report for FY23 and the CECAP Implementation Work Plan for FY24.
- b) Questions/Comments
 - i) Commissioner Wallace
 - (1) Please follow up with more information on the Mill Creek tunnel.
 - (2) Please follow up on percent of recyclables that are actually being recycled (not necessarily the contamination rate, though that would be good to know too, but are recyclable items actually being recycled?).
 - (3) Please follow up with the Forestry Task Force regarding if the tree fund can be used for Texas Tree Foundation tree planting projects, as they are \$16,000 short.
 - ii) Chair Bazan
 - (1) Please come back in the future with a Dallas Community Air Management Program (D-CAMP) update. Also suggest holding more public meetings on this topic.
 - (2) Please also follow up on where all D-CAMP sensors are currently located.
 - iii) Michael Martin
 - (1) How is small business defined for purposes of the Solar Switch program?

ENVIRONMENTAL COMMISSION MEETING MINUTES

November 8, 2023

BRIEFING MEMORANDUMS

I) Former Blue Star Site Remediation Update

[Carlos Evans, Director, Office of Environmental Quality & Sustainability; Lori Trulson, Senior Environmental Coordinator, Office of Environmental Quality & Sustainability]

Attachment: Memo (see agenda)

- a) The Commission was briefed on completion of remediation to residential standards of the former Blue Star recycling site.

II) Dallas Environmental Education Initiative (EEI) – Interlocal Agreement

[Sheila Delgado, Assistant Director, Office of Environmental Quality & Sustainability]

Attachment: Memo (see agenda)

- a) The Commission was briefed on an upcoming Council Agenda item related to renewal of an interlocal agreement with the University of North Texas for the EEI Program.

DISCUSSION ITEMS

I) Office of Environmental Quality & Sustainability 2025 State and Federal Legislative Priorities

Attachment: Memo

- a) The Office of Environmental Quality & Sustainability presented a memo detailing upcoming legislative priorities and requested the Environmental Commission send input/feedback by November 22, 2023.

II) Monthly Subcommittee Updates

- a) The Environmental Health, Environmental Justice, Implementation, Outreach & Engagement, and Strategic Partnerships & Innovation Subcommittees provided updates.

III) Monthly District Updates from Commissioners

Attachment: [Outreach & Engagement Form](#)

- a) The Commission provided updates on events and meetings they've attended.

IV) Upcoming Meetings

- a) Parks, Trails, & the Environment Council Committee: Monday, December 4, 2023, 9 a.m. – 11 a.m.
- b) Environmental Commission: Wednesday, December 13, 2023, 5:30 p.m. – 7:30 p.m.

ADJOURNMENT

After all business of the Environmental Commission had been considered, Commissioner Roberson moved to adjourn the meeting. The motion was seconded by Commissioner Wallace and unanimously accepted. The Environmental Commission meeting was adjourned at 9:03 p.m.

ENVIRONMENTAL COMMISSION MEETING MINUTES

November 8, 2023

Drafted by:
Erin Diehl, Board Coordinator
Office of Environmental Quality & Sustainability

Date

Date

Memorandum



CITY OF DALLAS

DATE December 13, 2023

TO Honorable Chair Bazan and Members of the Environmental Commission

SUBJECT **2023 Equity Indicators Report: Environmental Justice Measures Update**

On June 14, 2023, the Environmental Commission received a memo SUBJECT: 2023 Equity Indicators Report Update and Environmental Justice Indicators. The Office of Environmental Quality and Sustainability (OEQS) engaged the EVC Environmental Justice Subcommittee to solicit recommendations for new environmental equity indicators. The Offices of Environmental Quality and Sustainability, Equity and Inclusion, and EveryTexan have been working on finalizing the 2023 Equity Indicators Report. Consistent with feedback from the mentioned recommendations, residents, community partners and the Environmental Commission feedback, the updated report now includes a sixth theme - Environmental Justice.

As the City of Dallas continues to center equity, it is critical to note the ways that Historically Disadvantaged Communities (HDCs) and Equity Priority Areas have been disproportionately impacted by environmental injustices. Through collaborative efforts, the 2023 Equity Indicators Report has leveraged both formal and informal feedback to support in identifying the Environmental Justice Indicators- Screening Tool, Canopy Coverage, Energy Efficiency, and Healthy Food.

To underscore the importance of monitoring and addressing environmental issues, each of the indicators, in the 2023 report also aligns with Comprehensive Environmental Climate Action Plan (CECAP) Action Items. This alignment demonstrates a cohesive and effective framework for tackling environmental concerns as well as increasing consistency and promoting internal collaboration.

Equity Indicators Methodology and Analysis

The selected vendor, EveryTexan, uses the City University of New York Institute for State and Local Governance (CUNY ISGL) Methodology to analyze and generate the Equity Indicators report. CUNY ISGL Methodology is an adaptable approach to creating Equity Indicator tools for cities that want to measure and improve equity in local communities. Equity Indicators are a set of metrics that capture the extent of disparities faced by different groups across various domains, such as economic opportunity, education, neighborhood and infrastructure, public health, justice and government, and environmental justice.

DATE December 13, 2023
SUBJECT **2023 Equity Indicators Report: Environmental Justice Measures Update**
PAGE **2 of 2**

Should you have any questions or concerns, please do not hesitate to contact me or Dr. Lindsey Wilson, Director of the Office of Equity and Inclusion, at lindsey.wilson@dallas.gov



M. Elizabeth (Liz) Cedillo-Pereira
Assistant City Manager

c: T.C. Broadnax, City Manager
Tammy Palomino, City Attorney
Mark Swann, City Auditor
Billieae Johnson, City Secretary
Preston Robinson, Administrative Judge
Kimberly Bizer Tolbert, Deputy City Manager
Jon Fortune, Deputy City Manager

Majed A. Al-Ghafry, Assistant City Manager
Dr. Robert Perez, Assistant City Manager
Carl Simpson, Assistant City Manager
Jack Ireland, Chief Financial Officer
Genesis D. Gavino, Chief of Staff to the City Manager
Directors and Assistant Directors



Update on Dallas-Fort Worth Air Quality Improvement Plan Development & 5th National Climate Assessment

Chris Klaus, Senior Program Manager, Transportation
Susan Alvarez, Director of Environment & Development
City of Dallas Environmental Commission
12.13.2023

DALLAS-FORT WORTH **AIR QUALITY** IMPROVEMENT PLAN

Funded through the Environmental Protection Agency's Climate Pollution Reduction Grants

Chris Klaus, Senior Program Manager, Transportation



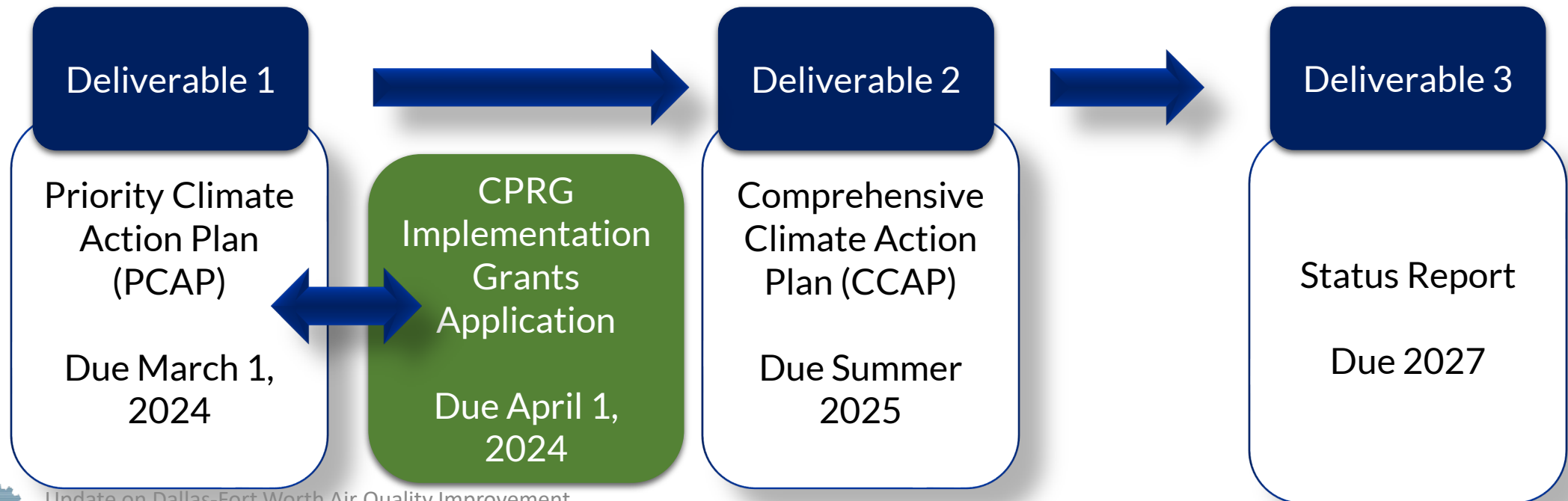
Background on Planning Grant

Funding:

\$1 million in Environmental Protection Agency (EPA) Funds From Climate Pollution Reduction Grant (CPRG) Planning Grant Program

Scope:

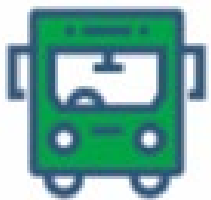
Develop and implement plans to reduce greenhouse gases (GHGs) and other pollutants of local concern North Central Texas Council of Governments (NCTCOG) serving as lead for the eligible Dallas-Fort Worth Metropolitan Statistical Area



NCTCOG Approach

Leverage CPRG Planning Grant to Develop Dallas-Fort Worth (DFW) Air Quality Improvement Plan

- Implement measures that reduce ozone-forming pollutants, particulate matter, and GHGs
- Create cost-effective benefits to the region, particularly low-income and disadvantaged communities
- Complement state efforts to attain federal ozone standards
- Include all 16 NCTCOG counties
- Coordinate across 3 NCTCOG Departments
 - Transportation
 - Environment and Development
 - Workforce Solutions of North Central Texas
- Collaborate with local governments, special districts, and other stakeholders
- **Pursue Competitive Implementation Grant application**



Transportation



Energy



Solid Waste



Water



Agriculture/
Forestry/Land Use



Carbon Removal



CPRG Implementation Grants

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

Eligible applicants include Lead Agencies for CPRG Planning Grants, States, Municipalities, Tribes
Applications are due April 1, 2024

Competition Incentivizes Collaborative Applications

30-115 Awards Anticipated Nationwide
Scoring based on cumulative benefits of proposed initiatives
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



Eligible 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
- There are no limits on the number of measures an application can include and applications are scored on the cumulative benefits from all measures

To be eligible for CPRG Implementation Grant funding a Measure must be included in a PCAP



CPRG Planning Grants Deliverables

Plan Element	Deliverable 1: Priority Climate Action Plan – Due March 31, 2024	Deliverable 2: Comprehensive Climate Action Plan – Due Summer 2025	Deliverable 3: Status Report – Due 2027
Greenhouse Gas (GHG) Inventory	Required	Required	Update Encouraged
GHG Emissions Projects	Not Required	Required	Update Encouraged
GHG Reduction Targets	Not Required	Required	Not Required
Quantified GHG Reduction Measures	Required (priority measures only)	Required (comprehensive)	Status & Updates Required
Benefits Analysis	Encouraged	Required	Required
Low Income/Disadvantaged Communities Benefits Analysis	Required	Required	Required
Review of Authority to Implement	Required	Required	Update Required
Identify other Available Funding	Encouraged	Required	Required
Workforce Planning Analysis	Encouraged	Required	Required
Next Steps/Future Budget Needs	Not Required	Not Required	Required



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](#)

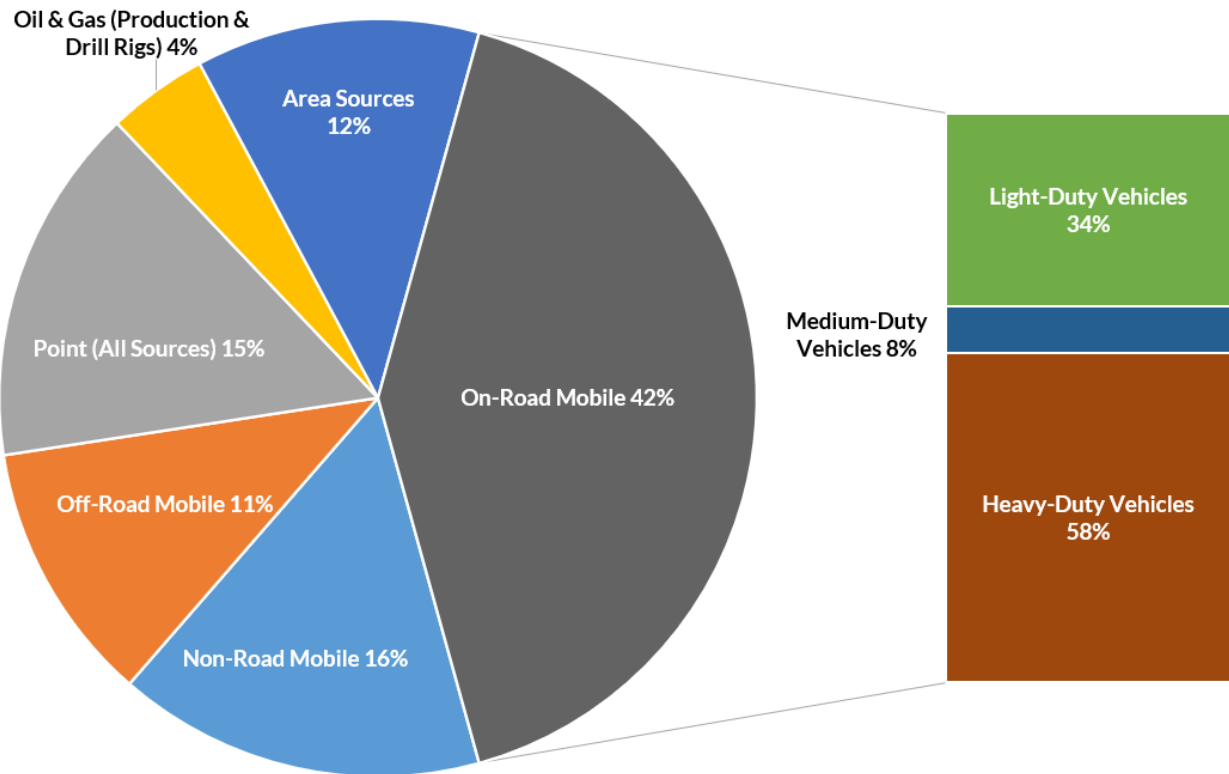
Task	Description	Completion Date
GHG Emissions Inventory	Calculate the GHGs produced in the 16 counties in North Texas	January 2024
Quantified GHG Reduction Measures	Identify short-term projects, programs, and policies to reduce GHG emissions Quantify the benefits of projects, programs, and policies	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



Emissions Sources in the Dallas-Fort Worth Area

2019 Nitrogen Oxides (NO_x) Emissions Inventory
10-County DFW Ozone Nonattainment Area

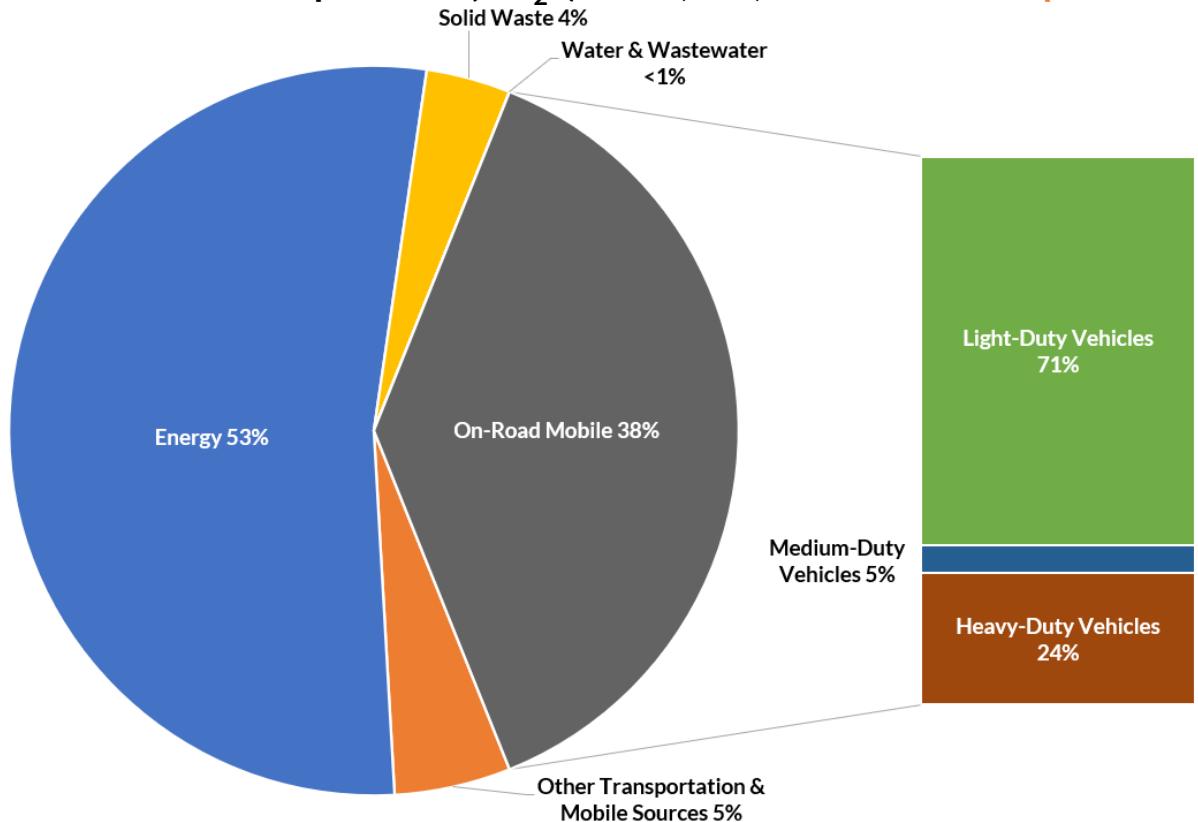
Nitrogen Oxides (NO_x) = 247.02 **Tons per Day**



Source: TCEQ, 2019 summer weekday anthropogenic emissions for the DFW 10 County Ozone Nonattainment Region, **Proposed DFW Moderate Attainment Demonstration (AD) State Implementation Plan (SIP) Revision for the 2015 Eight-Hour Ozone NAAQS**

DRAFT 2019 Greenhouse Gas Emissions Inventory
12-County Metropolitan Planning Area

Carbon Dioxide Equivalent (CO₂e) = 103,014,917 **Metric Tons per Year**



Source: NCTCOG, North Central Texas 12-County Metropolitan Planning Area 2019 Inventory of Community Greenhouse Gas Emissions



Proposed Strategy Prioritization

Strategies Could 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

Reduces GHGs and Criteria Pollutants

Reflects Regional Interest

Benefits DACs

Is Voluntary or Reflects State
Regulation

Can be Implemented in 2025

Implementation Grants

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

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)



EPA Scoring Criteria for CPRG Implementation Grant Proposals

Evaluation Criteria	Points
Overall Project Summary and Approach	45
Impact of GHG Reduction Measures	60
Environmental Results - Outputs, Outcomes, and Performance Measures	30
Low Income and Disadvantaged Communities	35
Job Quality	5
Programmatic Capability and Past Performance	30
Budget and Timely Expenditure of Grant Funds	45



Public Involvement – EPA Requirements

CPRG Planning Grants

Must involve stakeholder groups and the public in the plan development process
Can include in-person and/or virtual meetings, making information available through websites, and more

CPRG Implementation Grants

Applicant must discuss:

1. How input by DACs has been incorporated into application.
2. How meaningful engagement with DACs will be continuously included in the development and implementation of the GHG reduction measures throughout the life of the grant

Grant recipients will be expected to report on their community engagement



Stakeholder Engagement

Workshop Style Group Meetings

All Organizations that have submitted a Letter of Support

Virtual Engagement

Survey on project implementation interests

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

Additional One-on-One Meetings as Requested

Survey for Local Organizations: Strategies to Improve Air Quality in the North Texas Region

The North Central Texas Council of Governments (NCTCOG) is seeking feedback from local governments, nonprofits, universities, industry, businesses, and other stakeholders on what types of strategies they are currently implementing or would like to implement to improve air quality, protect public health, and address extreme weather events. Responses will inform the Dallas-Fort Worth Air Quality Improvement Plan, a regional plan developed by NCTCOG with assistance from the Environmental Protection Agency's Climate Pollution Reduction Grants (CPRG) Planning Grants. **Strategies included in the regional plan are eligible to be included in a grant proposal for up to \$500 million in competitive funding through CPRG Implementation Grants.**

The survey is separated into the following sectors: (1) Transportation (includes on-road, aviation/airports, non-road and rail subtopics); (2) Energy (includes residential, commercial/industrial, and power generation subtopics); (3) Solid Waste, Water, and Wastewater; (4) Agriculture/Natural and Working Lands Sector; and (5) Carbon Removal Measures. **Respondents can reply to as few or as many sectors as desired. Feel free to distribute this survey around to multiple staff within your organization with various perspectives and expertise.**

An accompanying table that provides more detail on strategies listed is available here (<https://www.publicinput.com/Customer/File/Full/f59f38ea-a211-4234-9c0c-7372d4d29eee>). Go to www.publicinput.com/dfwAQIP for additional information about this project.

* Required

Contact Information

1. Name



Public Involvement and Outreach

“Open House” Style Public Meetings

City of Dallas/Dallas County – December 4

City of Aledo – December 12

City of Fate – January 16, 2024

City of Fort Worth – January 18, 2024

Others TBD

Virtual Engagement

Survey on topics of concern and interest

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

Meetings with Nonprofits/Community Groups

Listening Session 1 – November 14

Listening Session 2 – January 2024

Presentations to Local Meetings as Requested

Existing Feedback (e.g. Map Your Experience)

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

Este proyecto se financia por Subvenciones para la Reducción de la Contaminación Climática de la Agencia de Protección al Medio Ambiente: Subvenciones de Planificación. Los comentarios por correo electrónico envíelos por correo a Jennifer.Hernandez@nctcogtrans.org al P.O. Box 3888, Arlington, TX 76010-3888.

www.nctcogtrans.org

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

This work is funded by the Environmental Protection Agency's Climate Pollution Reduction Grants Planning Grants. Written feedback can be mailed to Jennifer.Hernandez@nctcogtrans.org, Arlington, TX 76010-3888.

www.nctcogtrans.org



DALLAS-FORT WORTH **AIR QUALITY** IMPROVEMENT PLAN

Funded through the Environmental Protection Agency's Climate Pollution Reduction Grants

GET INVOLVED!

www.publicinput.com/dfwAQIP

Promote Opportunities for Community Engagement

Open House Public Meetings

Survey for Residents

Listening Session for Community-Based Organizations and Nonprofits



Update on Dallas-Fort Worth Air Quality Improvement
Plan Development

Anticipated Schedule

(Deliverable 1 and Implementation Grant Submittal)

Milestone	Date
Public Engagement Opportunities	Ongoing Through February 2024
RTC Information Item – Preliminary Strategy Identification	January 11, 2024
Workshop for Collaborating Entities	January 17, 2024
Executive Board Information Item	January 11, 2024
STTC Action Item – Recommend Plan Approval	January 23, 2024
Optional Notice of Intent to Apply to CPRG Implementation Grants	February 1, 2024
RTC Action Item – Plan Approval	February 8, 2024
Executive Board Action Item – Plan Approval	February 22, 2024
Preliminary Climate Action Plan Due to EPA	March 1, 2024
STTC, RTC, and Executive Board Action – Implementation Grant Submittal	February – March 2024
CPRG Applications Due	April 1, 2024
Anticipated EPA Award of CPRG Implementation Grants	October 2024



For More Information

DFW AQIP Plan and Strategy Development

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FIFTH NATIONAL CLIMATE ASSESSMENT

Chapter 26 | Southern Great Plains

Susan Alvarez, PE, CFM | December 13, 2023



U.S. Global Change Research Program

The U.S. Global Change Research Program (USGCRP) was mandated by Congress in the Global Change Research Act of 1990 (P.L. 101-606), “to assist the Nation and the world to **understand, assess, predict** and **respond** to human-induced and natural process of global change.”



National Climate Assessment (NCA) Basics

- **Evaluates** a wide range of scientific and technical inputs from diverse and authoritative sources. **Applies best expert judgment** to characterize certainty.
- **Relevant for policy** and decision-making but **does not prescribe** specific policy interventions or advocate for a particular viewpoint.
- Assesses a **range of potential impacts**, helping decision-makers better identify risks that could be avoided or reduced.
- Fully **compliant** with the Global Change Research Act (GCRA) and other applicable laws and policies.
- Provides multiple opportunities for **public engagement**.
- Employs an **extensive review** process.

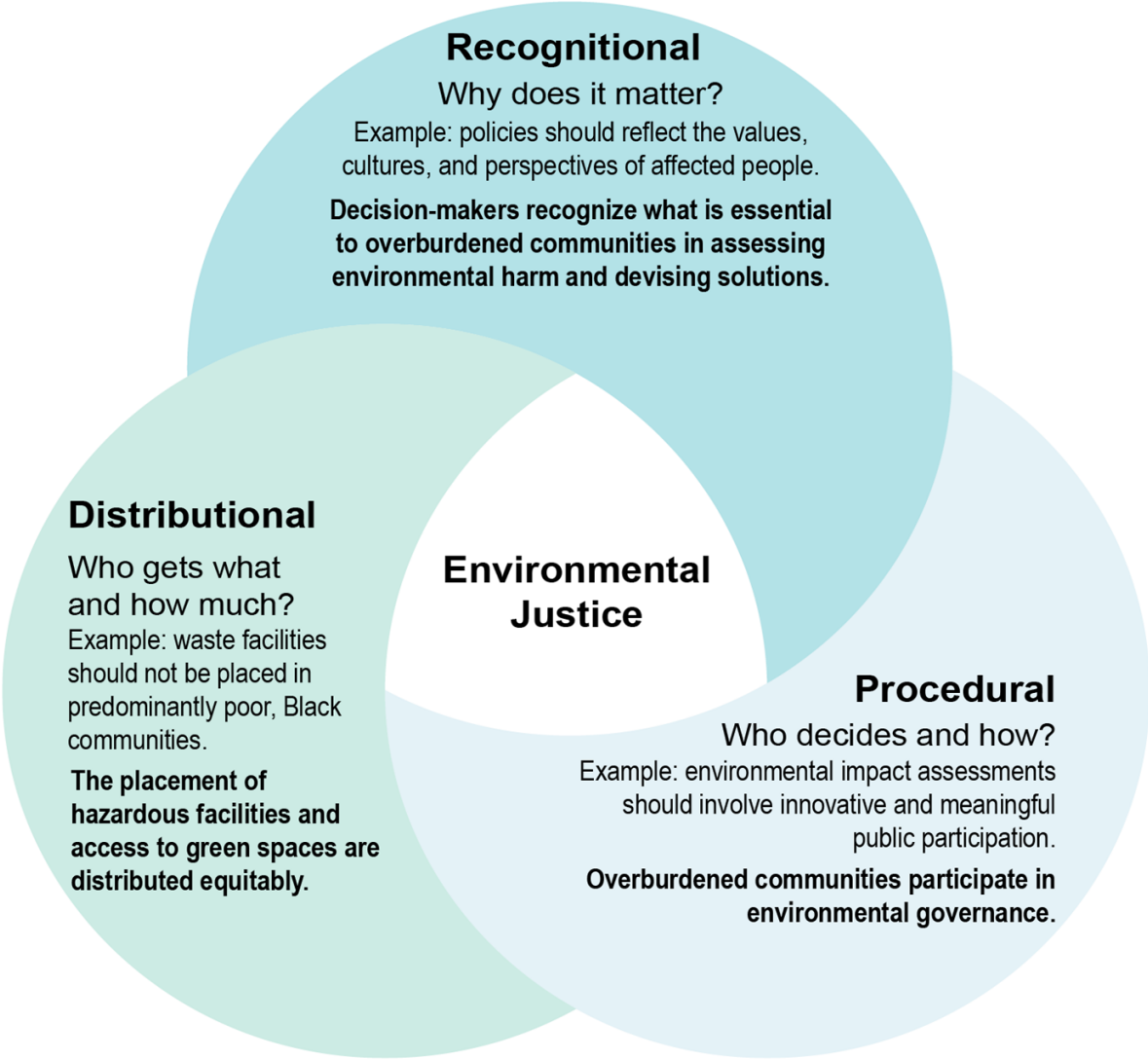
Scientific Advancements

Advancing our understanding of observed and projected climate change (e.g., narrowed climate sensitivity; extreme event attribution)

Featuring two new chapters, one on Economics and one on Social Systems and Justice

Exploring themes of environmental justice and equity across the entire Assessment

Highlighting local and state climate mitigation and adaptation actions



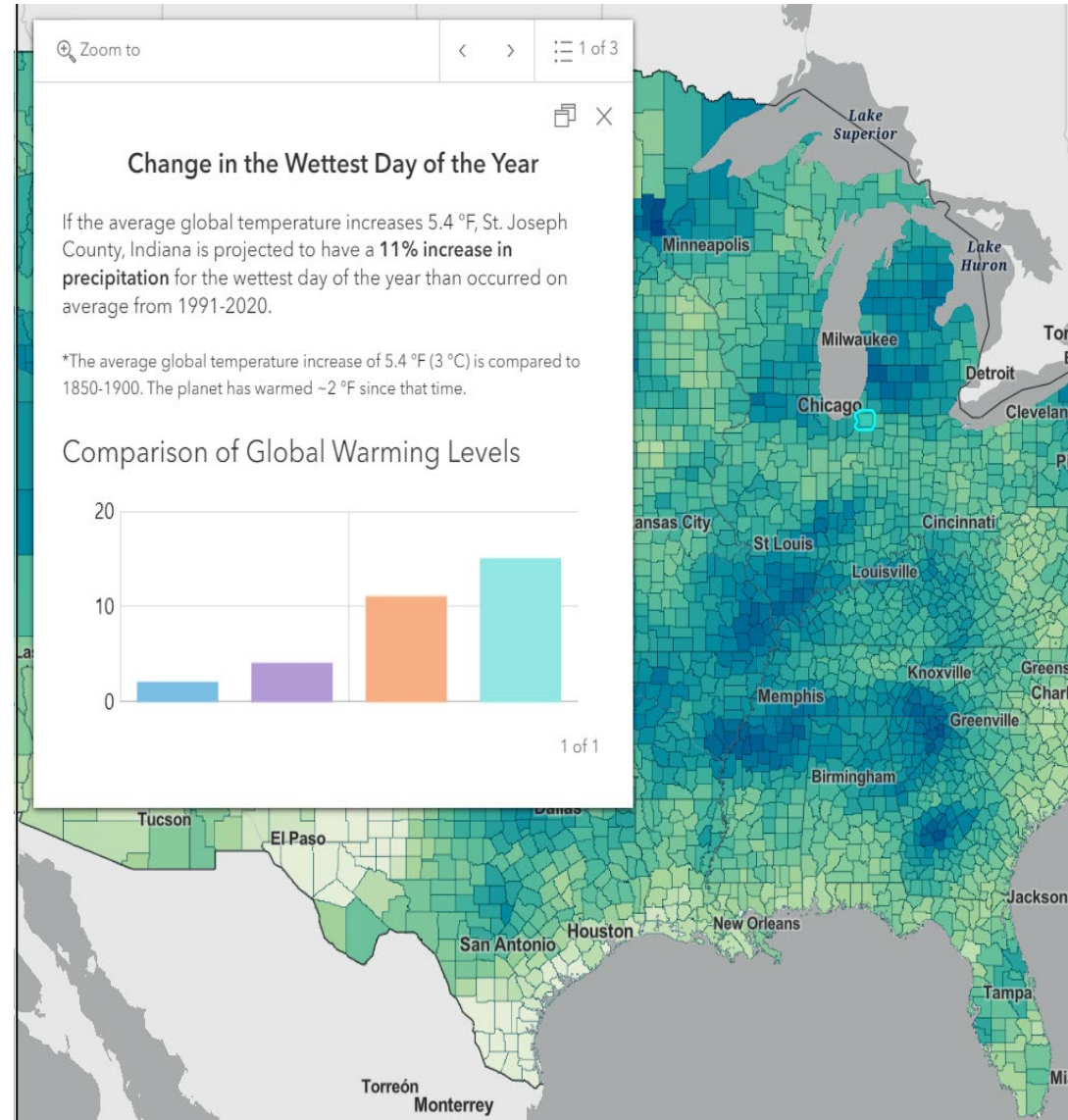
NCA Atlas

A **digital data viewer** developed as an extension of the NCA5 text and figures

Variables were produced with the **same methods** as NCA5 downscaled climate data

Interactive features allow users to **generate and download** their own regional and local maps

Users can select from a **range of global warming levels or scenarios**/time periods, and impact-relevant climate **variables** (e.g., “days over 95°F”)



Key Takeaways from NCA5

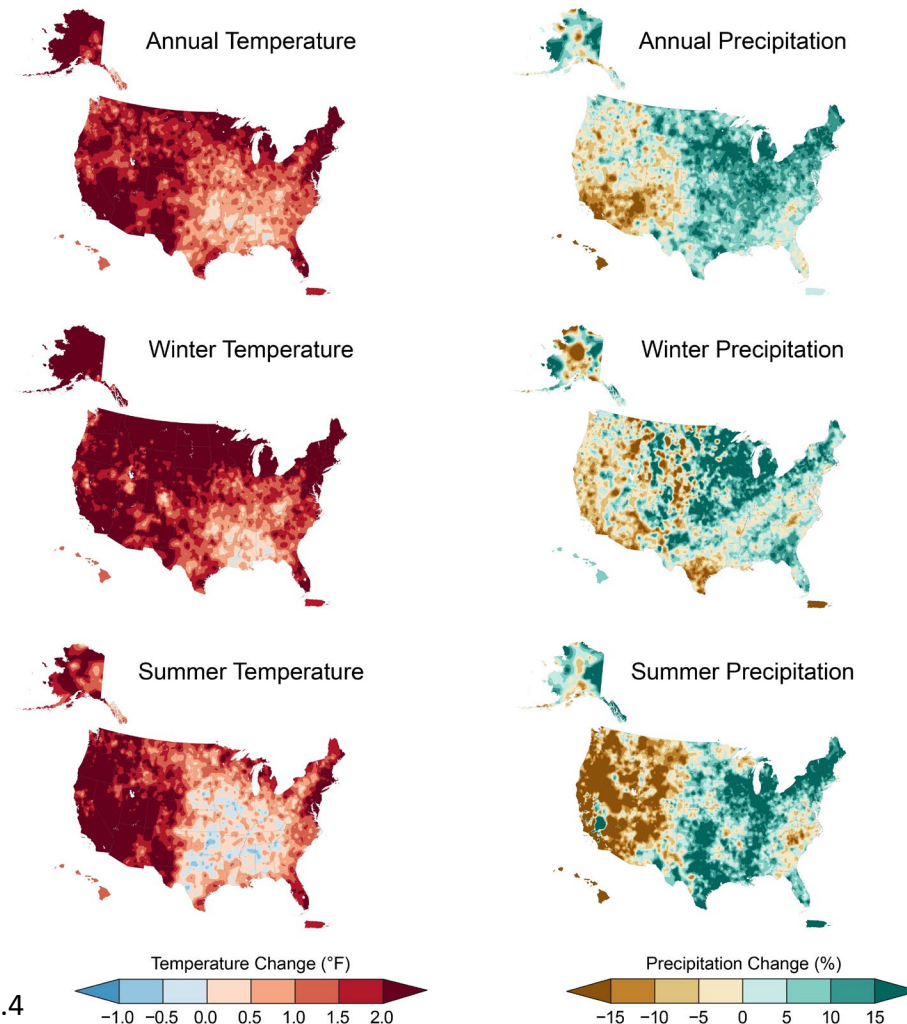
1. The United States is taking action on climate change.
2. People in the United States are experiencing increased risks from extreme events.
3. Climate change exacerbates social inequities.
4. Available mitigation strategies can deliver substantial emissions reductions, but additional options are needed to reach net zero.
5. Climate action is an opportunity to create a more resilient and just nation.

Changes in Temperature & Precipitation, 1900 to 2020

Annual average temperatures have **increased 0.6°F** for Oklahoma (1.5°F for Texas and Kansas).

Annual precipitation has **increased** across most of the Southern Great Plains (SGP) except far west Texas.

Changes depend on **season**.



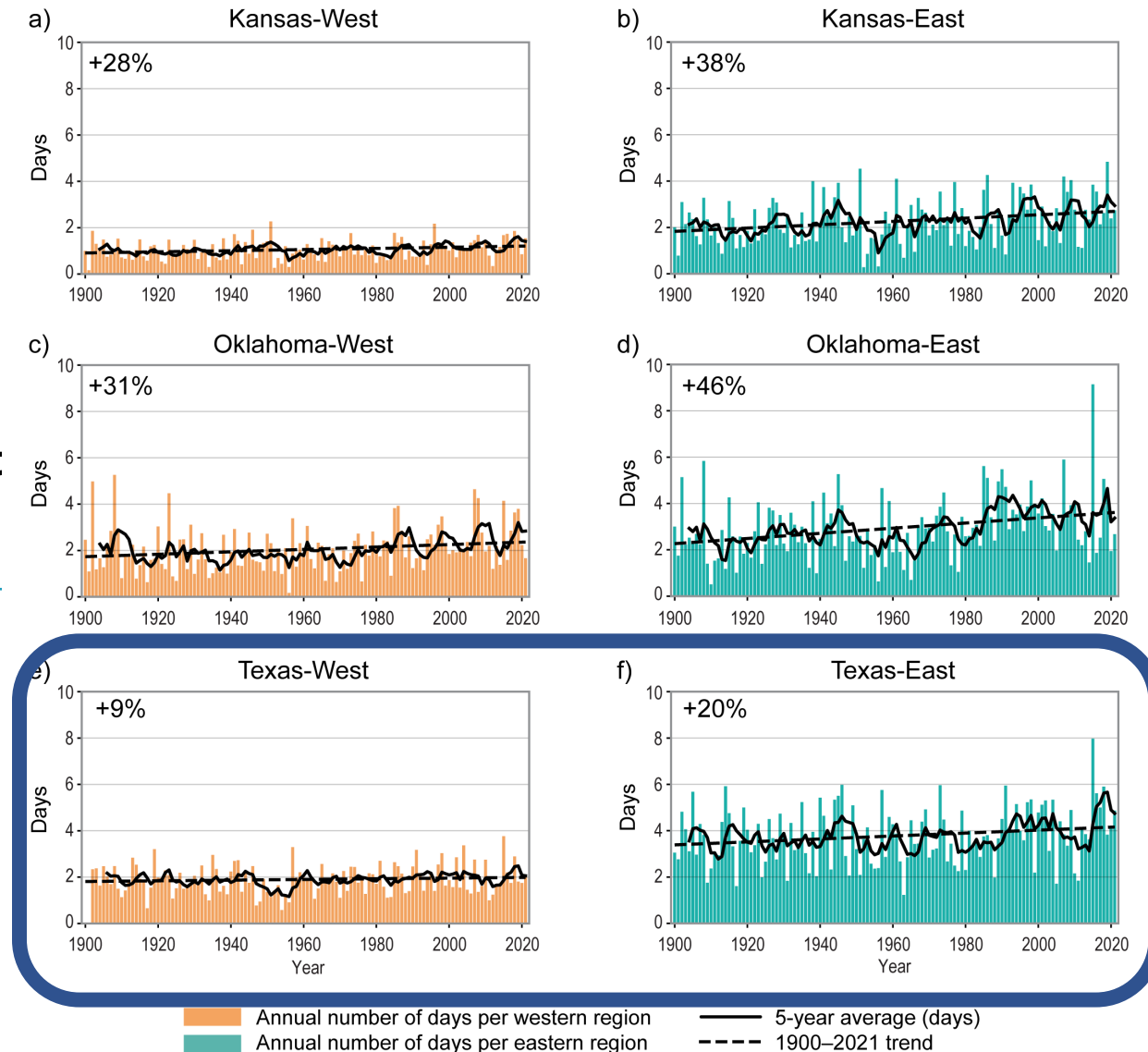
NCA5 Fig. 2.4

Extreme Events

Days with **2+ inches** of precipitation have become **more frequent** across the SGP.

Between 2018–2022, **52 billion-dollar climate-related disasters** affected the region.

Annual Number of Days with Precipitation of 2 Inches or More (1900–2021)



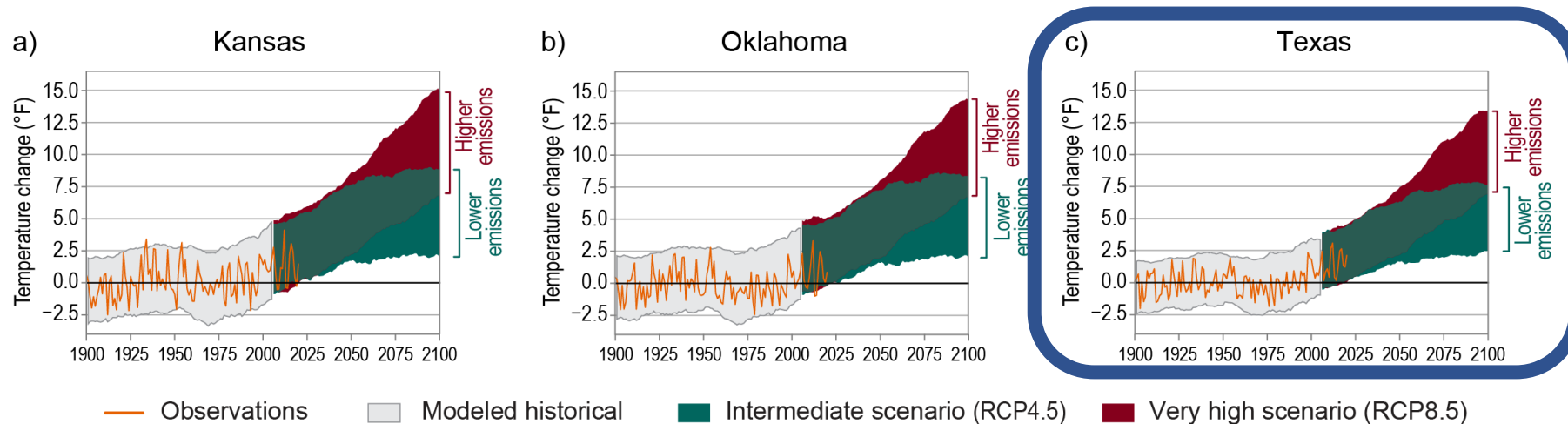
NCA5 Fig. 26.1

Future Projections of Temperature

Future **temperatures** are expected to be **historically unprecedented** in the instrumental record in all three states.

By midcentury, annual average temperatures are **projected to exceed historical record levels** regardless of emissions pathway.

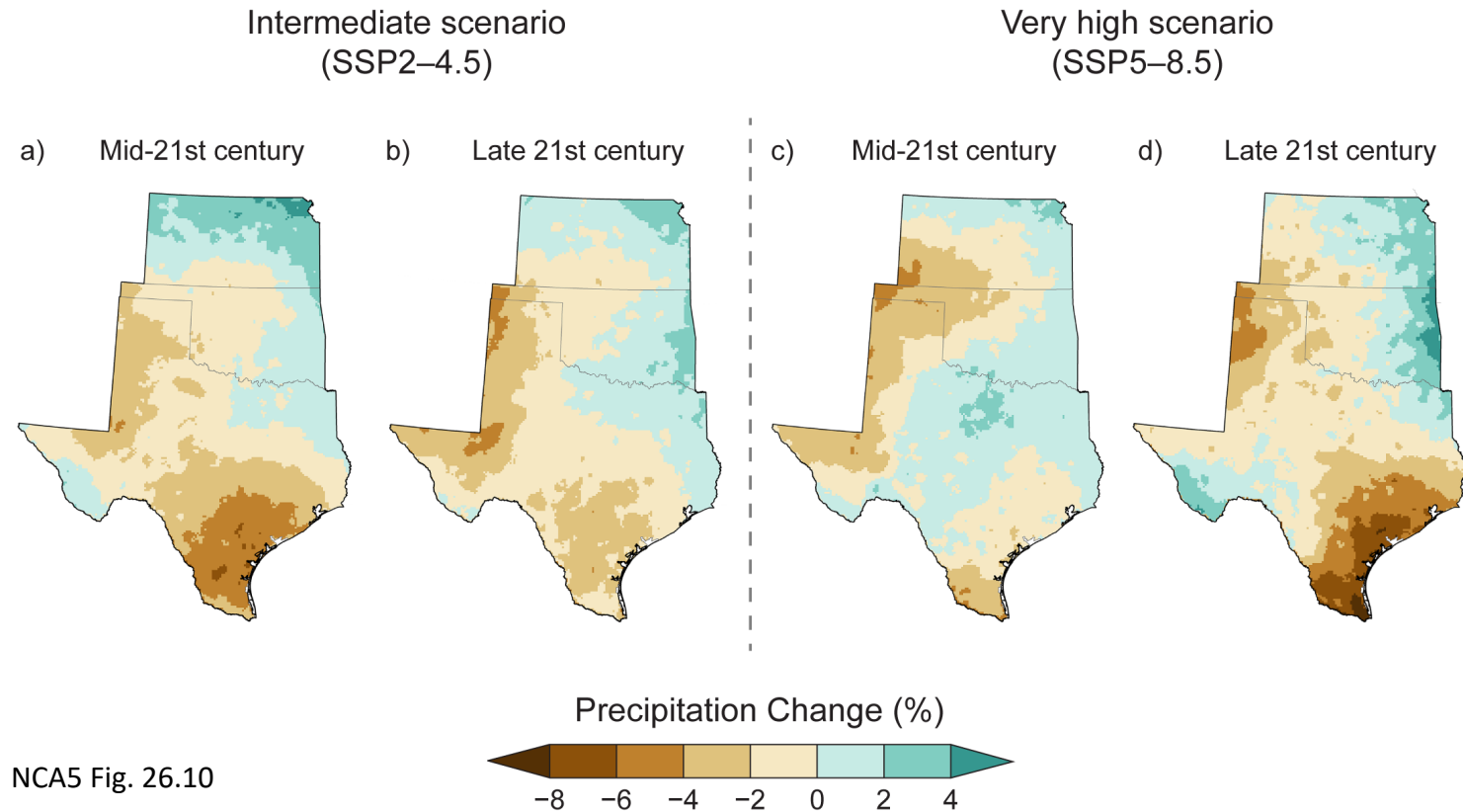
Historical and Projected Changes in Air Temperature (1900–2100)



NCA5 Fig. 26.2

Future Projections of Precipitation

Slightly drier conditions are projected for much of the western and southern portions of the region by the end of the century.



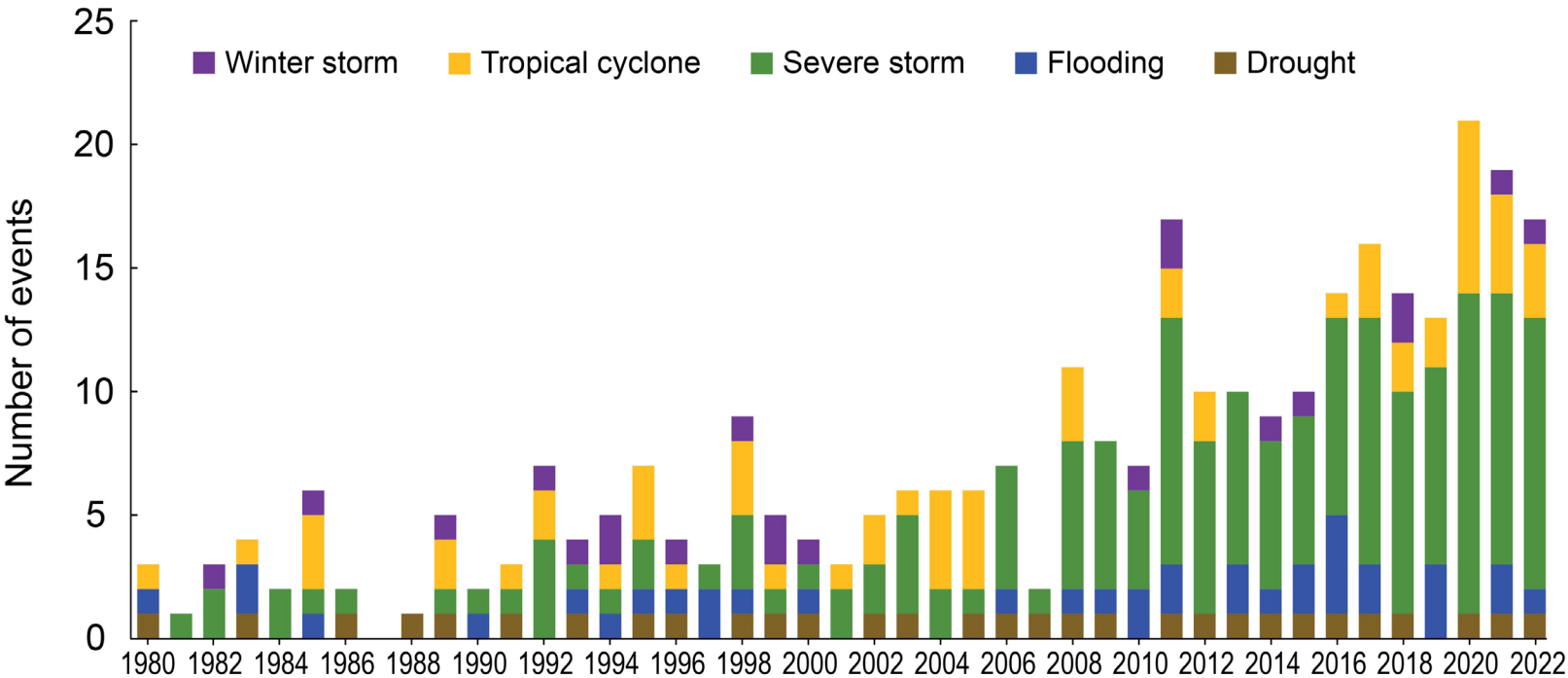
NCA5 Fig. 26.10

KEY
MESSAGE

1 How We Live: Climate Change Is Degrading Lands, Waters, Culture, and Health

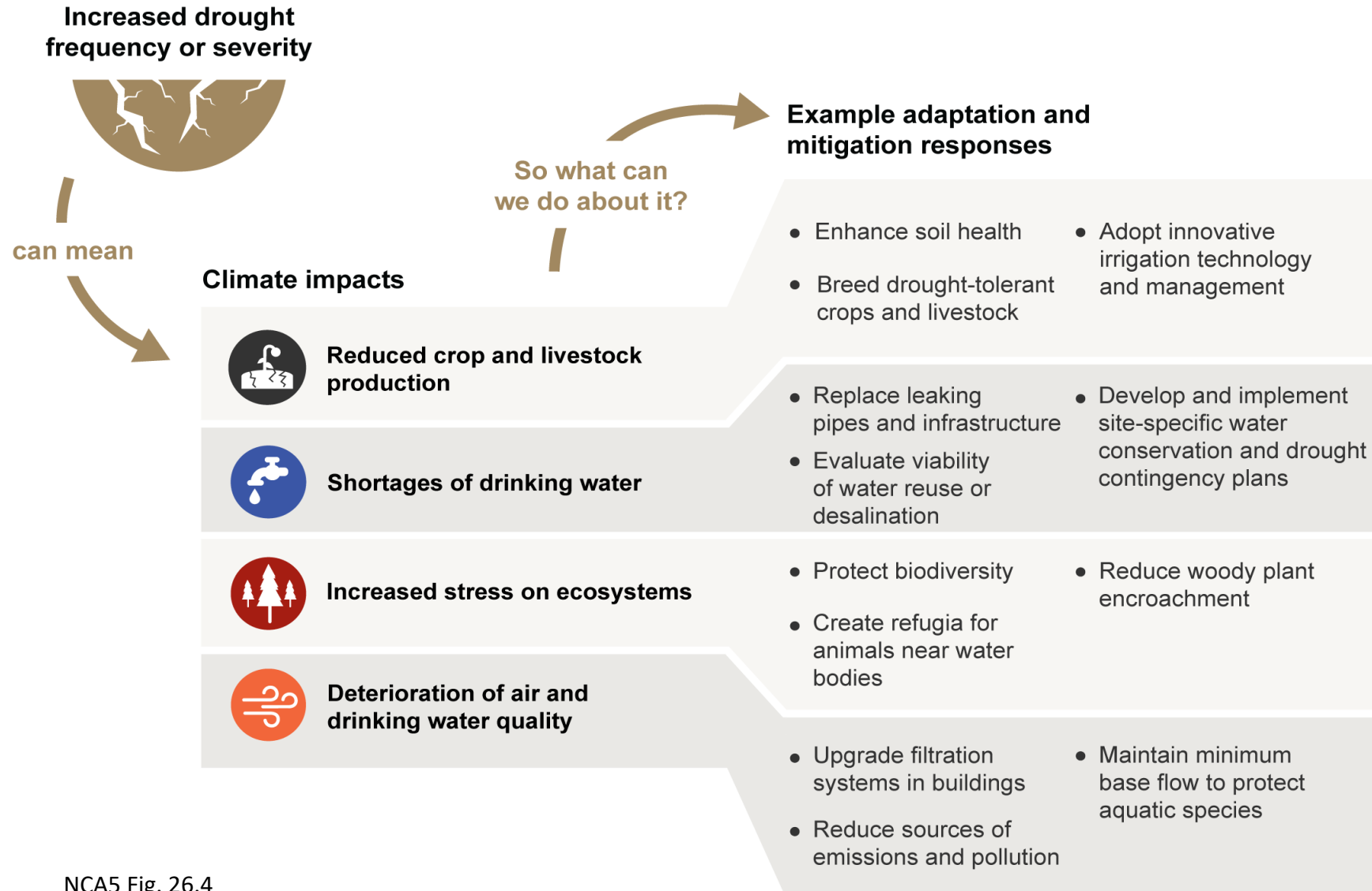
Many climate hazards are expected to become **more frequent, intense, or prolonged**; to **broaden** in spatial extent; and to result in more people experiencing **costly, deadly, or stressful** climate-related conditions.

Water-Related Billion-Dollar Disasters in the United States



NCA5 Fig. 4.1

Resilience Actions to Help Communities

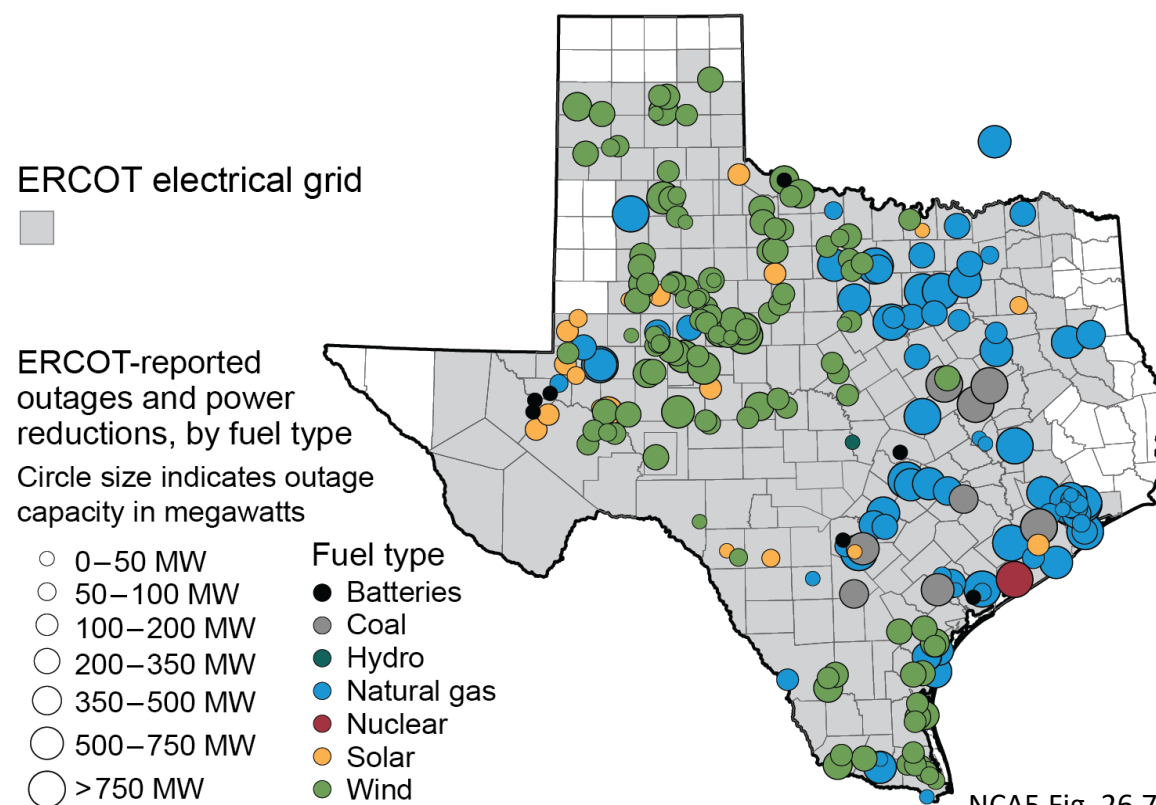


NCA5 Fig. 26.4

How We Work: Climate Changes Are Creating Economic Challenges and Opportunities

As climate conditions change, businesses and industries across the region are experiencing **disruptions and losses** in productivity and profits—but also **new economic opportunities**.

Power Generation Outages
During the Cold Outbreak in February 2021



3 How We Play: Climate Extremes Are Endangering Sports, Recreation, and Leisure

Extreme climate-related events are **negatively influencing how we participate in outdoor sport, recreation, and physical activities.**

Individuals, communities, and sports organizations **can adapt** to these hazards through strategies such as modifying the timing, location, intensity, or monitoring of activities.

Flooding of Park in Kansas, Spring 2019

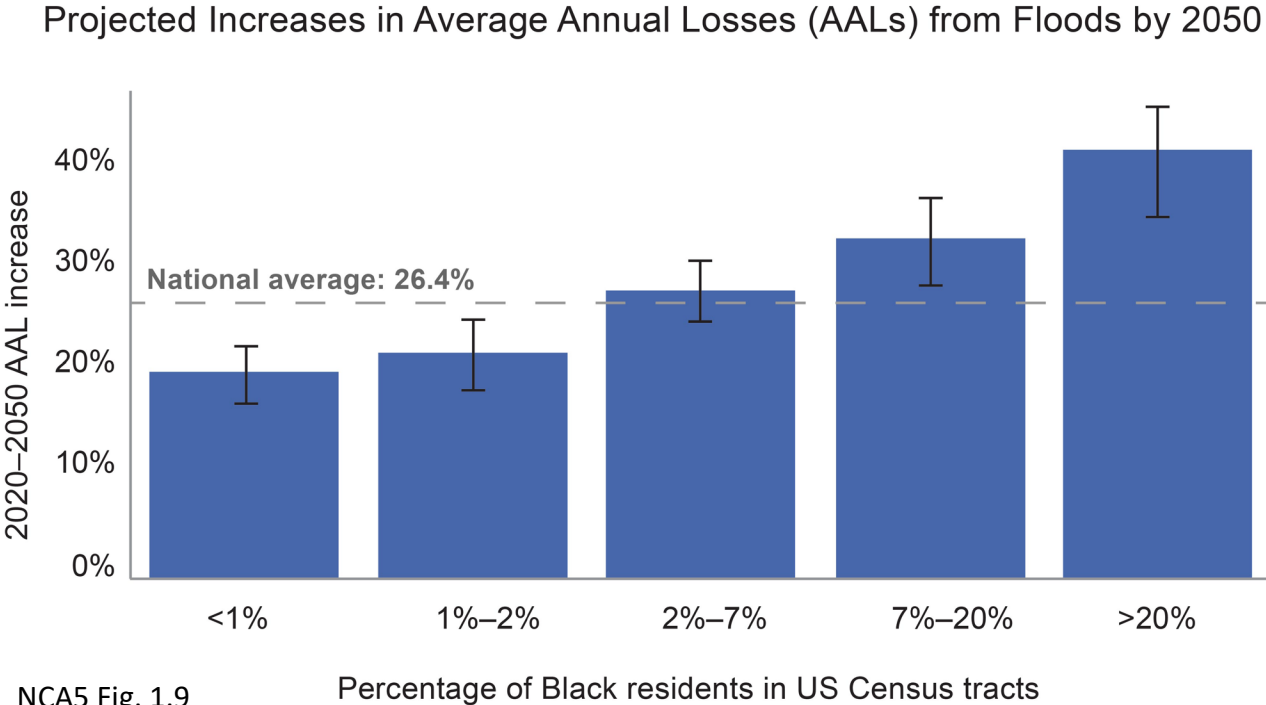


NCA5 Fig. 26.15

4 How We Heal: Climate Change Is Exacerbating Existing Social and Environmental Disparities

Some neighborhoods and communities in the region are **suffering disproportionately from climate-related hazards** because of long-standing marginalization, discrimination, and governmental policies.

As a result, **climate change will compound existing social and environmental burdens** on the people, neighborhoods, and communities with the fewest resources to prepare and adapt.



NCA5 Fig. 1.9

How We Serve: Climate Change Is Straining Public Infrastructure and Services

The institutions that serve our communities have been **challenged to respond and adapt** to more frequent and intense weather events.

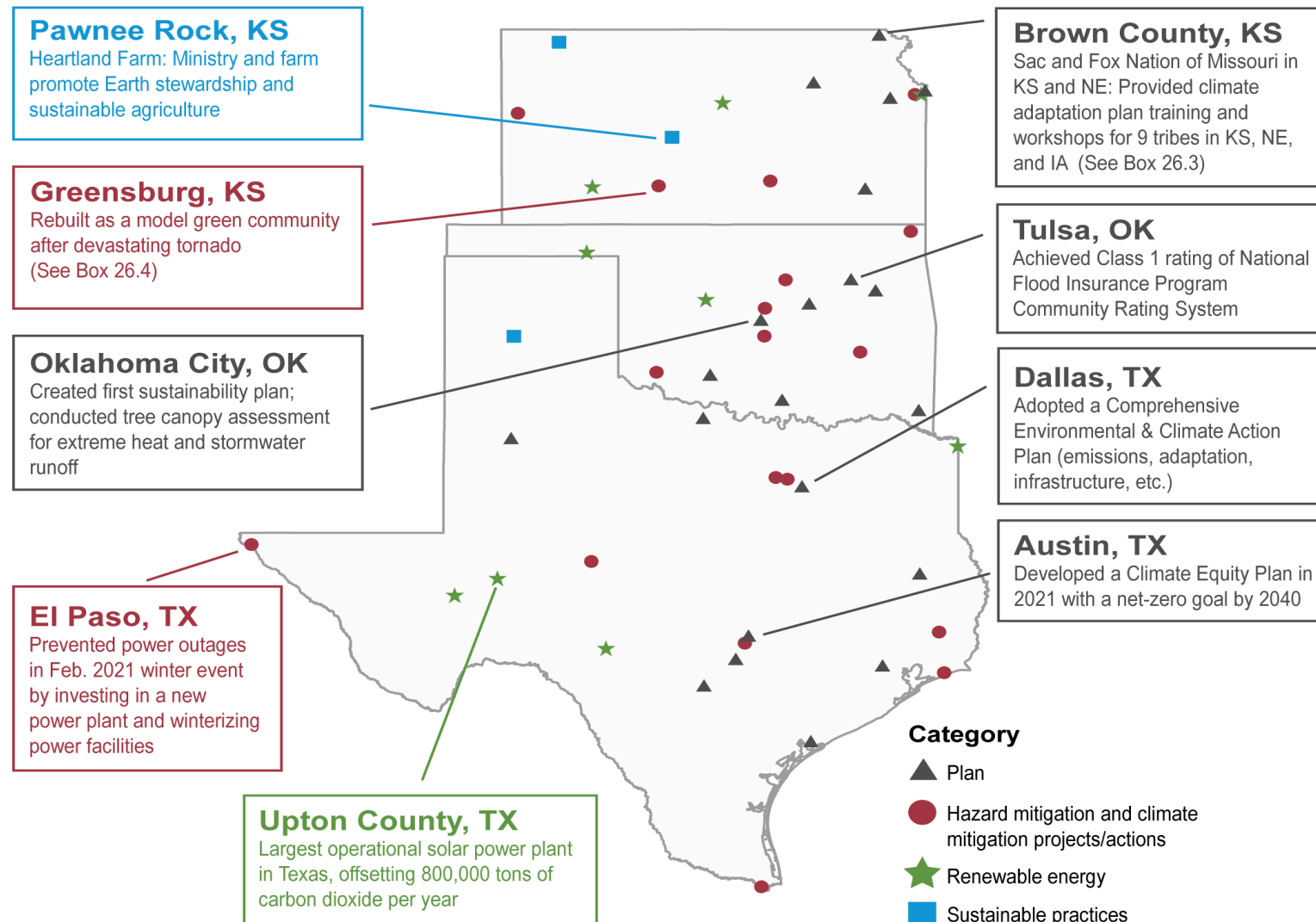
Without **significant** adaptation, climate change is expected to **strain water supplies**, transportation infrastructure, and emergency services across the region.

Water Treatment Plant in Norman, Oklahoma



NCA5 Fig. 26.22

A wide array of actions are being conducted across the region to address the impacts of climate change.



NCA5 Fig. 26.21

Main Takeaways for SGP Region

- Actions have been **too slow in pace**, and **investments have been inadequate in scale and scope**, compared to what is needed to minimize strongly negative consequences of climate change by midcentury.
- **Transformative adaptation and climate equity/justice provide holistic frameworks** for climate adaptation actions.
- Many **actions that enhance the resilience** of public services and infrastructure also are **expected to reduce future financial costs** from extreme events.

Chapter Team

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<https://doi.org/10.7930/NCA5.2023.CH26>

Read the full chapter

<https://nca2023.globalchange.gov/chapter/26>

Connect with USGCRP:



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GlobalChange.gov

nca2023.globalchange.gov



City of Dallas

City of Dallas Brownfields Redevelopment Program

**Environmental Commission
December 13, 2023**

Ngozi Nwosu
Brownfields Program Manager
Office of Environmental Quality
and Sustainability
City of Dallas

Overview



- Introduction
- What is a brownfield?
- Brownfield Programs
- Program Accomplishments
- Questions



FY2023 EPA Brownfield Grant Award Recipients



- EPA awarded the City of Dallas \$1.5 Million
- \$1 Million Revolving Loan Fund Grant
- \$500,000 Community-wide Assessment Grant
- Grant implementation starts October 2023
- Manage grant implementation with EPA

What is a Brownfield?



- A brownfield is a property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant.
- 450,000 brownfields in the U.S.



American Airlines Center at Victory Park
(former landfill, railyard, and powerplant)



What Do Brownfields Look Like?



Former Railyards



Old Warehouse



Vacant Lot



Former Gas Station



Former Industrial Site



Former Dry Cleaners



Key Steps Involved in Brownfield Redevelopment



U.S. EPA Brownfields Funding Opportunities



Assessment Grants

Multipurpose grants

Revolving Loan Fund
Grants

Cleanup Grants

Job Training Grants

Technical Assistance,
including TBA Funds

Cooperative agreements to
State and Tribal Response
Programs





City of Dallas Brownfields Redevelopment Program

Program Mission

- Address environmental obstacles that can hinder revitalization of community development in core neighborhoods; drive sustainable economic growth to ensure a safe, clean environment, and improve quality of life for Dallas residents, particularly those living in historically disadvantaged communities.





Program Objectives

- Site cleanup and assessment
- Environmental justice
- Sustainability
- Community engagement
- Revitalization
- Redevelopment
- Brownfields inventory





Current Redevelopment Programs

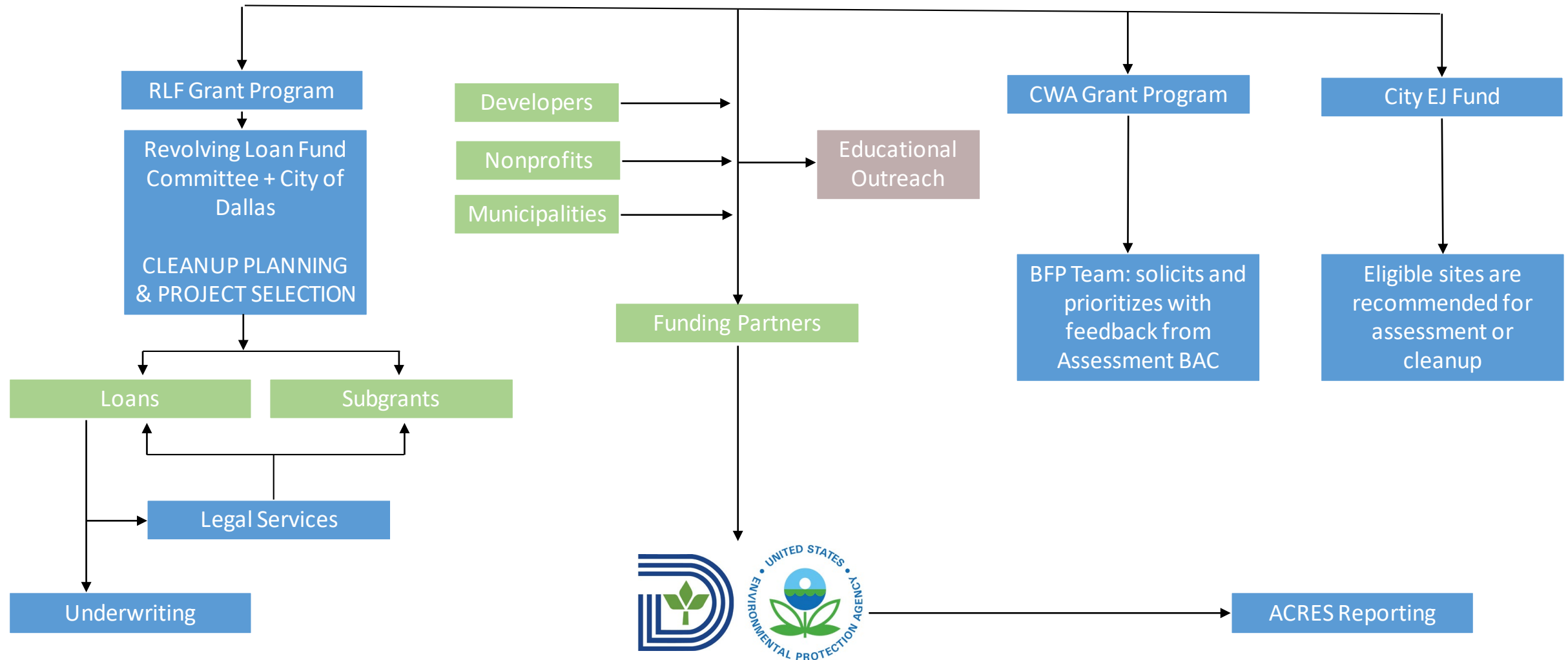
- FY23- Revolving Loan Found Grant
- FY23- Community-wide Assessment Grant
- FY20- Coalition Assessment Grant
- FY23- EJ Community Revitalization Funds



Target and Geographic Boundary

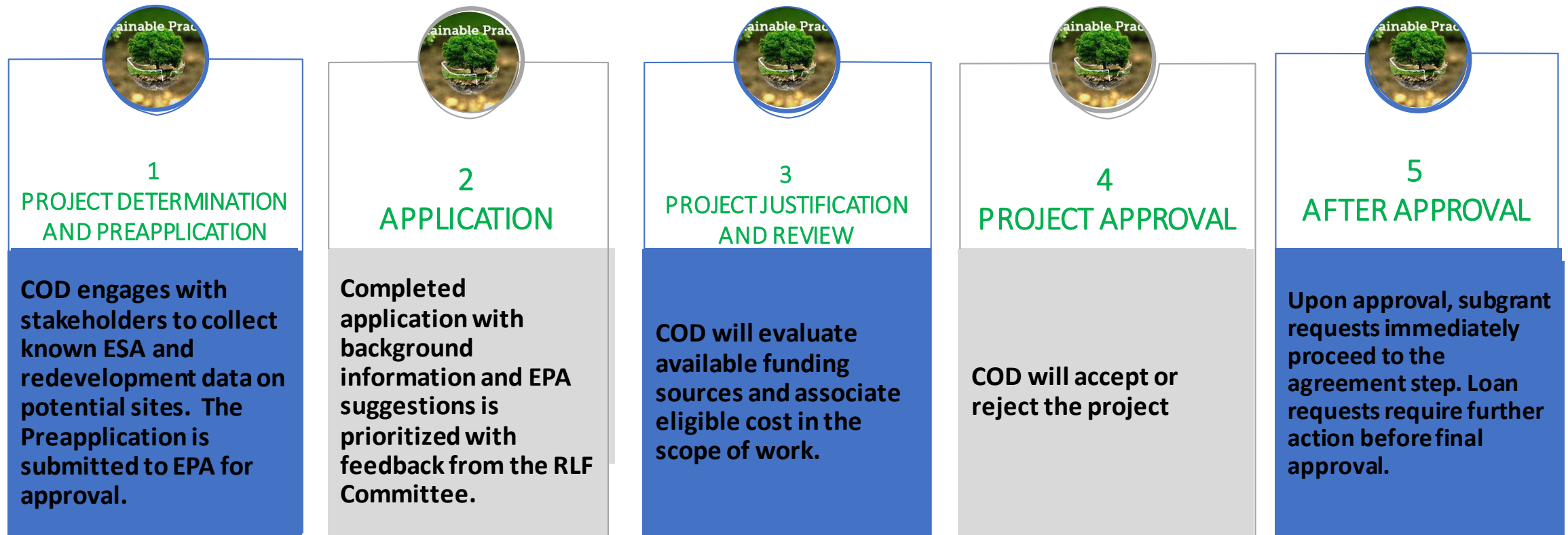


Dallas Brownfields Program Layout





Award Process: Eligibility & Application | Loans & Subgrants



RLF Grants Eligibility and Approval Process

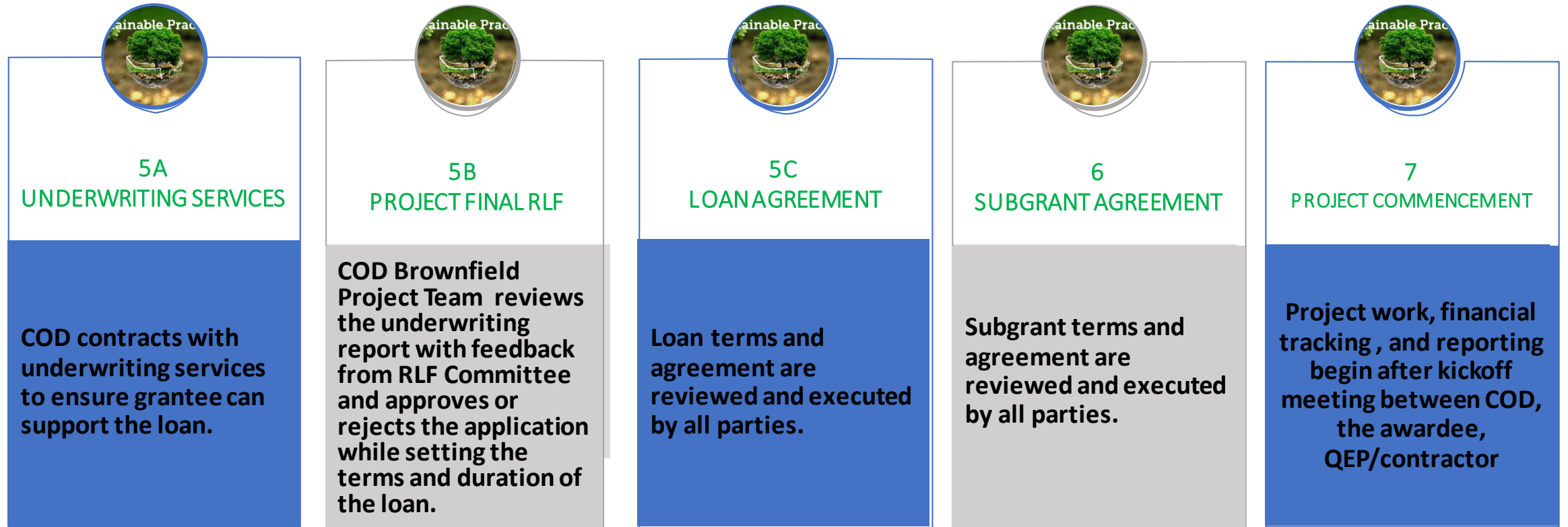
14



Award Process

Loans

Subgrants



Site Nomination & Eligibility Approval for Assessment Grant



- 1 **Site Nomination Form** completed by property owner or representative and submitted to City of Dallas.
→ Site is prioritized for grant funding.
- 2 **Eligibility Determination Form** is prepared on the owner's behalf and submitted to EPA/TCEQ for approval.
→ EPA/TCEQ approve use of grant funds.
- 3 Property owner signs **Access Agreement** authorizing assessment activities on the property.
- 4 **Environmental Site Assessment & Cleanup Planning Activities**





FY2023 Grant Program Implementation Started October 2023

- FY 23- Revolving Loan Found Grant
- FY23- Community –wide Assessment Grant
- FY20- Coalition Assessment Grant
- FY23- EJ Community Revitalization Funds



Outreach and Community Engagement



Outreach Initiatives

- Jeffries Myers
- Melissa Pierce- Joppee
- Hispanic Chamber of Commerce
- South Dallas Fair Park
- MLK Corridor
- Dallas Black Chamber of Commerce
- St. Philips Community School
- Brownfield Advisory Committee
- TREC
- Groundwork USA
- University of Texas at Dallas



Proposed Educational Training Programs



Provide educational training in the following areas:

- Due diligence
- Real estate
- Site liability
- Site identification

Training is targeted for:

- Developers
- Minority/ women owned businesses
- Chamber of Commerce
- Community representatives



South Dallas Fair Park EJ/ Educational Tour





Program Accomplishments from FY20 Coalition Assessment Grant



Community Park at Fair Park



4105 S. Fitzhugh Ave., Dallas TX 75210



Status: Phase I & Phase II ESA completed



Melissa Pierce Project



10



Status: Phase I ESA and RBM Survey completed

Jeffries Meyers Neighborhood



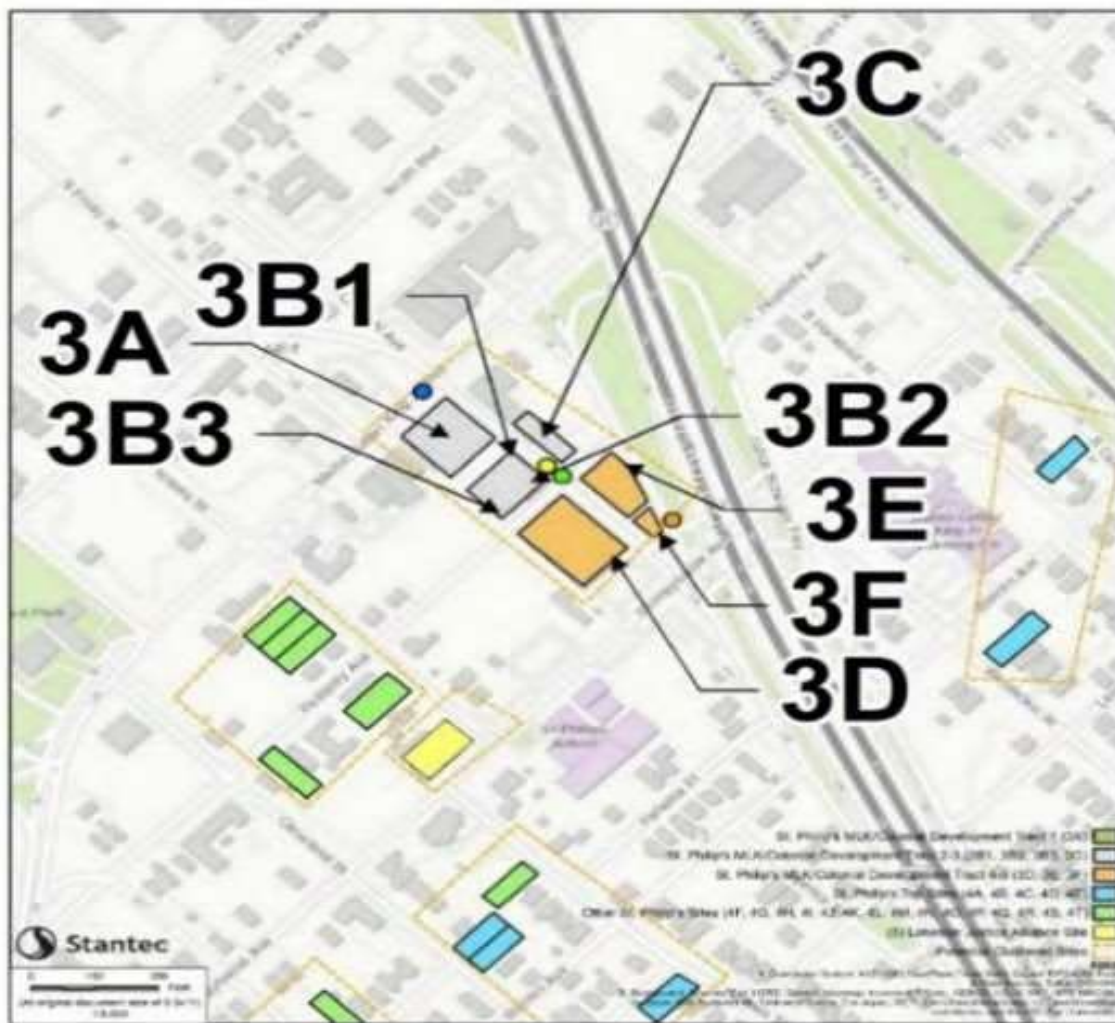
Status: Environmental screenings completed

Forest Theater Neighborhood



Status: Phase II ESA completed

St. Philips Community School



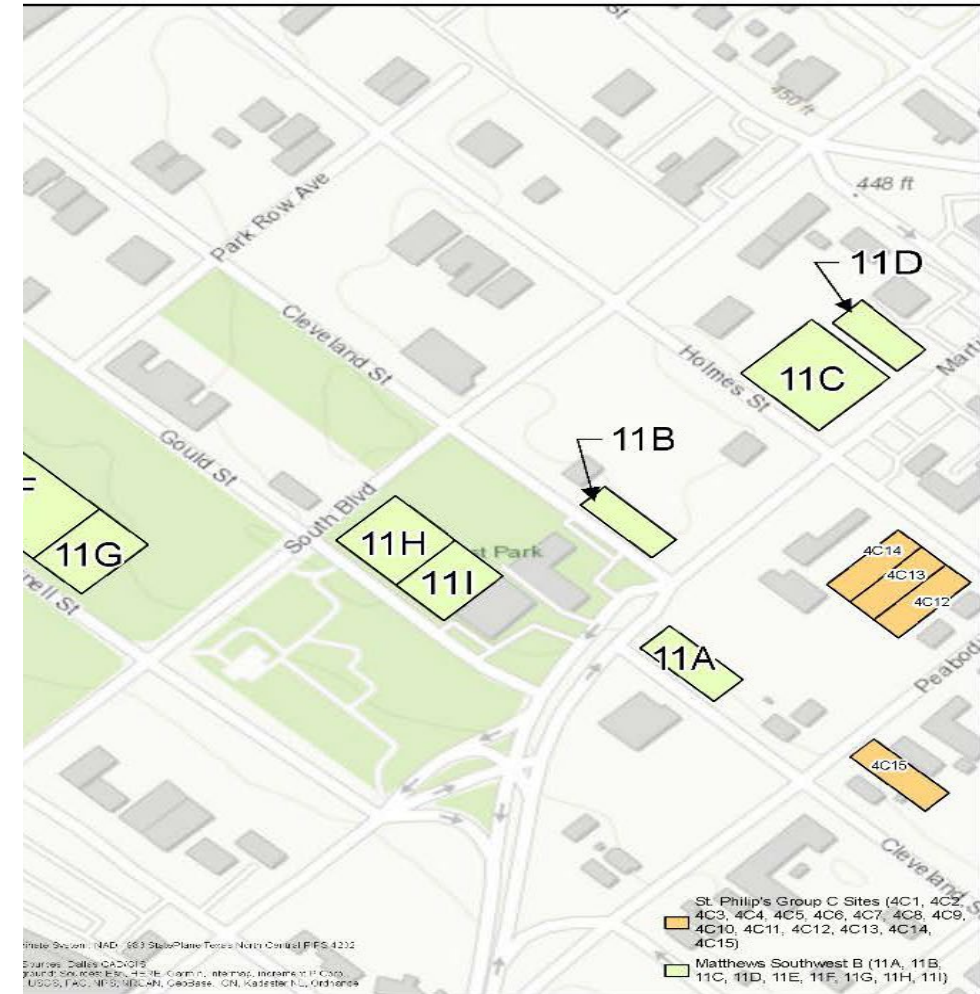
Status: Phase I & Phase II ESA completed

Mill City Neighborhoods



Status: Phase II ESA completed

Matthews Southwest: MLK/Parnell/Gould



Status: Phase I ESA completed



Program Accomplishments



- 11 “Project/Site” Nominations were received
- Completed assessment activities at 8 EPA approved sites
- Completed 40 EPA Property Eligibility Determination Request, 46 Environmental Site Assessments (ESA) ,1 Regulated Building Material Survey and 1 Analysis of Brownfield Cleanup Alternatives (ABCAs)
- Formed a Brownfield Advisory Committee (BAC) and Coalition Partner’s group facilitating 4 BAC Meetings
- Awarded \$1.5M in FY2023 for assessment and cleanup

Next Steps



- Site nominations
- Site prioritization and approval
- Community targeted engagement meetings
- Developing targeted educational training programs for stakeholder engagement
- Proposing Pilot Program for EJ funds
- Program implementation

How Can You Get Involved?



- Consider prospective sites for eligibility based on the following factors:
 - Ownership status
 - Environmental contamination
 - i.e., hazardous substances, pollutants, contaminants (including hazardous substances co-mingled with petroleum), and/or petroleum
 - Environmental liability
 - Was environmental due diligence performed and documented?
 - Project timeline, redevelopment and revitalization plans
 - Community interest and benefit



Questions?



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Email: brownfields@dallas.gov

EPA Website: <https://www.epa.gov/brownfields>



Memorandum



DATE December 13, 2023

CITY OF DALLAS

TO Honorable Chair Bazan and Members of the Environmental Commission

SUBJECT **Implementation Subcommittee Recommendations on Adoption of SolarAPP+**

Background

In 2021, the National Renewable Energy Laboratory (NREL) launched a collaborative effort with key code officials, authorities having jurisdiction (AHJs), and the solar industry to develop standardized plan review software that can run compliance checks and process building permit approvals for eligible rooftop solar systems.

- **Integrates with existing government software.**
- **Automates plan review, permit approval, and project tracking.**
- **Standardizes up to 90% of standard system plans.**
- **Provides inspection checklist and final sign-off after installation.**

View this video to see how SolarAPP+ is benefitting communities:

https://youtu.be/xKhX_UAT8YQ.

NREL conducted a control trial pilot to validate SolarAPP+ performance, as used by AHJs with diverse characteristics and needs. Highlights of key findings include:

- Pilot AHJs collectively spent 383 hours on SolarAPP+ implementation and saved 236 hours on permit and revision review during the pilot.
- By providing instantaneous review, the SolarAPP+ reduced the average permit review time to less than one day across all five AHJs.
- Participating contractors required training on how to use the application efficiently.
- Inspection passage rates for SolarAPP+ projects were comparable to traditionally permitted projects, with nominal impacts on inspection duration.
- Projects submitted through SolarAPP+ were installed and inspected on average 12 days faster than projects using the traditional process (Figure ES- 1). – NREL

NREL Pilot Program Article: <https://www.nrel.gov/docs/fy22osti/81603.pdf>

NREL performance review: <https://www.nrel.gov/docs/fy23osti/85827.pdf>

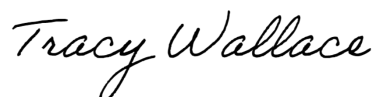
This innovative online tool instantly issues permit for code-compliant residential rooftop photovoltaic (PV) and battery systems, streamlining processes and reducing costs and time, allowing more solar to be installed faster.

Recommendation

The Implementation Subcommittee requests that the Environmental Commission approve a recommendation to the Parks, Trails & the Environment Committee of the Dallas City Council, for immediate implementation of the SolarAPP+ developed by NREL for the following reasons:

1. NO COST to municipalities
 - a. Implemented quickly
 - b. Free training for city employees by NREL
 - c. Saves city employees' time
 - d. Reduces burden on IT department since it is cloud-based
2. An area of relief for the solar permitting in Dallas by streamlining the process for:
 - a. City staff
 - b. Homeowners and businesses wanting to install solar
 - c. Solar installation contractors
3. SolarAPP+ significantly reduces the soft costs of solar installation including permitting, inspections and interconnect.
4. Proposed annual license requiring solar installers to submit new applications each year, ensuring compliance with Texas Solar Energy Society's Code of Ethics and addressing any pending or unresolved projects. Companies failing to address existing installation issue or customer complaints would be temporarily barred from initiating new projects until issues are appropriately resolved.
[Houston's Journey with SolarAPP+ and the Future of Solar Permitting | Texas Solar Energy Society \(txses.org\)](#)
5. Widespread adoption of SolarAPP+ in municipalities around the country (including Houston, TX) <https://help.solar-app.org/article/108-where-is-solarapp-available>

If you have any questions, please don't hesitate to reach out to me at tracy@greencareersdallas.org.



Tracy Wallace

Chair, Implementation Subcommittee – Dallas Environmental Commission

c: Implementation Subcommittee Members
Carlos Evans, Director, Office of Environmental Quality & Sustainability