

MINUTES OF THE CITY COUNCIL COMMITTEE  
TUESDAY, SEPTEMBER 6, 2022

22-0016

ENVIRONMENT AND SUSTAINABILITY COMMITTEE  
CITY COUNCIL CHAMBER, CITY HALL/VIDEO CONFERENCE  
COUNCILMEMBER PAULA BLACKMON, PRESIDING

PRESENT: [7] Blackmon, Ridley, \*West, Arnold (\*\*10:21 a.m.), \*Resendez, Bazaldua  
(\*\*9:10), Schultz

ABSENT: [0]

The meeting was called to order at 9:02 a.m. with a quorum of the committee present.

The meeting agenda, posted in accordance with Chapter 551, "OPEN MEETINGS," of the Texas Government Code, was presented.

After all business properly brought before the committee had been considered, the meeting adjourned at 10:52 a.m.

\_\_\_\_\_  
Chair

ATTEST:

\_\_\_\_\_  
City Secretary Staff

\_\_\_\_\_  
Date Approved

The agenda is attached to the minutes of this meeting as EXHIBIT A.

The actions taken on each matter considered by the committee are attached to the minutes of this meeting as EXHIBIT B.

The briefing materials are attached to the minutes of this meeting as EXHIBIT C.

**\*Note: Members of the Committee participated in this meeting by video conference.**

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

MINUTES OF THE CITY COUNCIL COMMITTEE  
TUESDAY, SEPTEMBER 6, 2022

EXHIBIT A

RECEIVED

2022 SEP -1 PM 2: 54

CITY SECRETARY  
DALLAS, TEXAS

## City of Dallas

1500 Marilla Street,  
Council Chambers, 6th Floor  
Dallas, Texas 75201

## Public Notice

220819

POSTED CITY SECRETARY  
DALLAS, TX



### Environment and Sustainability Committee

September 6, 2022

9:00 AM

(For General Information and Rules of Courtesy, Please See Opposite Side.)  
(La Información General Y Reglas De Cortesía Que Deben Observarse  
Durante Las Asambleas Del Consejo Municipal Aparecen En El Lado Opuesto, Favor De Leerlas.)

## 2022 CITY COUNCIL APPOINTMENTS

COUNCIL COMMITTEE	
<b>ECONOMIC DEVELOPMENT</b> Atkins (C), Arnold (VC), McGough, Narvaez, Resendez, West, Willis	<b>ENVIRONMENT AND SUSTAINABILITY</b> Blackmon(C), Ridley (VC), Arnold, Bazaldua, Resendez, Schultz, West
<b>GOVERNMENT PERFORMANCE AND FINANCIAL MANAGEMENT</b> Mendelsohn (C), Willis (VC), Atkins, Bazaldua, McGough, Ridley, West	<b>HOUSING AND HOMELESSNESS SOLUTIONS</b> Thomas (C), Moreno (VC), Arnold, Blackmon, Mendelsohn, Ridley, Schultz
<b>PUBLIC SAFETY</b> McGough (C), Mendelsohn (VC), Atkins, Moreno, Resendez, Thomas, Willis	<b>QUALITY OF LIFE, ARTS, AND CULTURE</b> Bazaldua (C), West (VC), Arnold, Blackmon, Narvaez, Ridley, Thomas
<b>TRANSPORTATION AND INFRASTRUCTURE</b> Narvaez (C), Atkins (VC), Bazaldua, Mendelsohn, Moreno, Schultz, Willis	<b>WORKFORCE, EDUCATION, AND EQUITY</b> Schultz (C), Thomas (VC), Blackmon, McGough, Moreno, Narvaez, Resendez
<b>AD HOC JUDICIAL NOMINATING COMMITTEE</b> Resendez (C), Arnold, Bazaldua, Ridley, Thomas, West, Willis	<b>AD HOC LEGISLATIVE AFFAIRS</b> Atkins (C), McGough, Mendelsohn, Narvaez, Willis
<b>AD HOC COMMITTEE ON PROFESSIONAL SPORTS RECRUITMENT AND RETENTION</b> Johnson (C), Atkins, Bazaldua, Blackmon, Thomas	<b>AD HOC COMMITTEE ON GENERAL INVESTIGATING &amp; ETHICS</b> Mendelsohn (C), Atkins, Blackmon, McGough, Schultz
<b>AD HOC COMMITTEE ON ADMINISTRATIVE AFFAIRS</b> Willis (C), McGough, Moreno, Schultz, West	

(C) – Chair, (VC) – Vice Chair

Note: A quorum of the Dallas City Council may attend this Council Committee meeting.

## **General Information**

The Dallas City Council regularly meets on Wednesdays beginning at 9:00 a.m. in the Council Chambers, 6th floor, City Hall, 1500 Marilla. Council agenda meetings are broadcast live on WRR-FM radio (101.1 FM) and on Time Warner City Cable Channel 16. Briefing meetings are held the first and third Wednesdays of each month. Council agenda (voting) meetings are held on the second and fourth Wednesdays. Anyone wishing to speak at a meeting should sign up with the City Secretary's Office by calling (214) 670-3738 by 5:00 p.m. of the last regular business day preceding the meeting. Citizens can find out the name of their representative and their voting district by calling the City Secretary's Office.

Sign interpreters are available upon request with a 48-hour advance notice by calling (214) 670-5208 V/TDD. The City of Dallas is committed to compliance with the Americans with Disabilities Act. **The Council agenda is available in alternative formats upon request.**

If you have any questions about this agenda or comments or complaints about city services, call 311.

## **Rules of Courtesy**

City Council meetings bring together citizens of many varied interests and ideas. To insure fairness and orderly meetings, the Council has adopted rules of courtesy which apply to all members of the Council, administrative staff, news media, citizens and visitors. These procedures provide:

- That no one shall delay or interrupt the proceedings, or refuse to obey the orders of the presiding officer.
- All persons should refrain from private conversation, eating, drinking and smoking while in the Council Chamber.
- Posters or placards must remain outside the Council Chamber.
- No cellular phones or audible beepers allowed in Council Chamber while City Council is in session.

"Citizens and other visitors attending City Council meetings shall observe the same rules of propriety, decorum and good conduct applicable to members of the City Council. Any person making personal, impertinent, profane or slanderous remarks or who becomes boisterous while addressing the City Council or while

## **Información General**

El Ayuntamiento de la Ciudad de Dallas se reúne regularmente los miércoles en la Cámara del Ayuntamiento en el sexto piso de la Alcaldía, 1500 Marilla, a las 9 de la mañana. Las reuniones informativas se llevan a cabo el primer y tercer miércoles del mes. Estas audiencias se transmiten en vivo por la estación de radio WRR-FM 101.1 y por cablevisión en la estación *Time Warner City Cable* Canal 16. El Ayuntamiento Municipal se reúne en el segundo y cuarto miércoles del mes para tratar asuntos presentados de manera oficial en la agenda para su aprobación. Toda persona que desee hablar durante la asamblea del Ayuntamiento, debe inscribirse llamando a la Secretaría Municipal al teléfono (214) 670-3738, antes de las 5:00 pm del último día hábil anterior a la reunión. Para enterarse del nombre de su representante en el Ayuntamiento Municipal y el distrito donde usted puede votar, favor de llamar a la Secretaría Municipal.

Intérpretes para personas con impedimentos auditivos están disponibles si lo solicita con 48 horas de anticipación llamando al (214) 670-5208 (aparato auditivo V/TDD). La Ciudad de Dallas se esfuerza por cumplir con el decreto que protege a las personas con impedimentos, *Americans with Disabilities Act*. **La agenda del Ayuntamiento está disponible en formatos alternos si lo solicita.**

Si tiene preguntas sobre esta agenda, o si desea hacer comentarios o presentar quejas con respecto a servicios de la Ciudad, llame al 311.

## **Reglas de Cortesía**

Las asambleas del Ayuntamiento Municipal reúnen a ciudadanos de diversos intereses e ideologías. Para asegurar la imparcialidad y el orden durante las asambleas, el Ayuntamiento ha adoptado ciertas reglas de cortesía que aplican a todos los miembros del Ayuntamiento, al personal administrativo, personal de los medios de comunicación, a los ciudadanos, y a visitantes. Estos reglamentos establecen lo siguiente:

- Ninguna persona retrasará o interrumpirá los procedimientos, o se negará a obedecer las órdenes del oficial que preside la asamblea.
- Todas las personas deben abstenerse de entablar conversaciones, comer, beber y fumar dentro de la cámara del Ayuntamiento.
- Anuncios y pancartas deben permanecer fuera de la cámara del Ayuntamiento.
- No se permite usar teléfonos celulares o enlaces electrónicos (*paggers*) audibles en la cámara del Ayuntamiento durante audiencias del Ayuntamiento Municipal

"Los ciudadanos y visitantes presentes durante las

attending the City Council meeting shall be removed from the room if the sergeant-at-arms is so directed by the presiding officer, and the person shall be barred from further audience before the City Council during that session of the City Council. If the presiding officer fails to act, any member of the City Council may move to require enforcement of the rules, and the affirmative vote of a majority of the City Council shall require the presiding officer to act." Section 3.3(c) of the City Council Rules of Procedure.

asambleas del Ayuntamiento Municipal deben de obedecer las mismas reglas de comportamiento, decoro y buena conducta que se aplican a los miembros del Ayuntamiento Municipal. Cualquier persona que haga comentarios impertinentes, utilice vocabulario obsceno o difamatorio, o que al dirigirse al Ayuntamiento lo haga en forma escandalosa, o si causa disturbio durante la asamblea del Ayuntamiento Municipal, será expulsada de la cámara si el oficial que este presidiendo la asamblea así lo ordena. Además, se le prohibirá continuar participando en la audiencia ante el Ayuntamiento Municipal. Si el oficial que preside la asamblea no toma acción, cualquier otro miembro del Ayuntamiento Municipal puede tomar medidas para hacer cumplir las reglas establecidas, y el voto afirmativo de la mayoría del Ayuntamiento Municipal precisara al oficial que este presidiendo la sesión a tomar acción." Según la sección 3.3 (c) de las reglas de procedimientos del Ayuntamiento.

## **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 pistol 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."*

The City Council Environmental and Sustainability meeting will be held by videoconference and in the Council Chambers, 6th Floor at City Hall.

The public is encouraged to attend the meeting virtually; however, City Hall is available for those wishing to attend the meeting in person following all current pandemic-related public health protocols.

The following videoconference link is available to the public to listen to the meeting and Public Affairs and Outreach will also stream the City Council Briefing on Spectrum Cable Channel 95 and [bit.ly/cityofdallastv](https://dallascityhall.webex.com/dallascityhall/j.php?MTID=m05b4faeb27032ef0e4a620c6e4c4e5c0).

<https://dallascityhall.webex.com/dallascityhall/j.php?MTID=m05b4faeb27032ef0e4a620c6e4c4e5c0>

### Call to Order

### **MINUTES**

1. 22-1952 Approval of the August 1, 2022 Committee Minutes

**Attachments:** Minutes

### **BRIEFING MEMOS**

- A. 22-1953 OEQS Environmental Legislative Priorities Update  
[Carlos Evans, Director, Office of Environmental Quality & Sustainability;  
Pharr Andrews, Senior Climate Coordinator, Office of Environmental Quality  
& Sustainability]

**Attachments:** Memo

- B. 22-1954 Solar PV Projects Update  
[John Johnson, Director, Building Services Department; Srinivas Vemuri,  
Senior Program Manager, Building Services Department]

**Attachments:** Memo

### **BRIEFING ITEMS**

- C. 22-1955 Comprehensive Urban Agriculture Plan (CUAP) Recommendations  
[Rabekha Siebert, Urban Agriculture Coordinator, Office of Environmental  
Quality & Sustainability; Christian Kanlian, Agritecture; Jeffrey Landau,  
Agritecture; Mikel Wilkins, TBG Partners; Jordan Clark, TBG Partners; Scott  
Snodgrass, The Edible Group, LLC]

**Attachments:** Presentation



- D. 22-1956 City Deployment of Electric Vehicle Charging Infrastructure for Public Use  
[Carlos Evans, Director, Office of Environmental Quality & Sustainability;  
Susan Alvarez, Assistant Director, Office of Environmental Quality &  
Sustainability; Pharr Andrews, Senior Climate Coordinator, Office of  
Environmental Quality & Sustainability]

**Attachments:** Presentation

- E. 22-1957 Environmental Commission Update  
[Kathryn Bazan, Chair, Environmental Commission]

**Attachments:** Memorandum

### **UPCOMING AGENDA ITEMS**

- F. 22-1987 A public hearing to receive comments on a proposed municipal setting designation to prohibit the use of groundwater as potable water beneath property owned by Jubilee Park Clinic Holdings, LLC located near the intersection of Parry and Ann Avenues and adjacent street rights-of-way; and an ordinance authorizing support of the issuance of a municipal setting designation to Jubilee Park Clinic Holdings, LLC by the Texas Commission on Environmental Quality and prohibiting the use of groundwater beneath the designated property as potable water - Financing: No cost consideration to the City  
Recommendation of Staff: Approval
- G. 22-1988 A public hearing to receive comments on a proposed municipal setting designation to prohibit the use of groundwater as potable water beneath property owned by SCP/OI Good Latimer OZ Owner, LLC located near the intersection of South Good Latimer Expressway and Dawson Street and adjacent street rights-of-way; and an ordinance authorizing support of the issuance of a municipal setting designation to SCP/OI Good Latimer OZ Owner, LLC by the Texas Commission on Environmental Quality and prohibiting the use of groundwater beneath the designated property as potable water - Financing: No cost consideration to the City  
Recommendation of Staff: Approval

### **ADJOURNMENT**

**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]

MINUTES OF THE CITY COUNCIL COMMITTEE  
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EXHIBIT B

OFFICIAL ACTION OF THE CITY COUNCIL COMMITTEE

SEPTEMBER 6, 2022

Item 1: Approval of the August 1, 2022 Committee Minutes

Councilmember Schultz moved to adopt the minutes as presented.

Motion seconded by Councilmember West and unanimously adopted. (Arnold, Bazaldua absent when vote taken)

OFFICIAL ACTION OF THE CITY COUNCIL COMMITTEE

SEPTEMBER 6, 2022

BRIEFING MEMOS

Item A: OEQS Environmental Legislative Priorities Update

Item B: Solar PV Projects Update

The committee discussed the items.

OFFICIAL ACTION OF THE CITY COUNCIL COMMITTEE

SEPTEMBER 6, 2022

BRIEFINGS ITEMS

Item C: Comprehensive Urban Agriculture Plan (CUAP) Recommendations

The following individuals briefed the committee on the item:

- Carlos Evans, Director, Office of Environmental Quality & Sustainability;
- Rabekha Siebert, Urban Agriculture Coordinator, Office of Environmental Quality & Sustainability;
- Susan Alvarez, Assistant Director, Office of Environmental Quality & Sustainability; and
- Carl Simpson, Assistant City Manager, City Manager's Office

OFFICIAL ACTION OF THE CITY COUNCIL COMMITTEE

SEPTEMBER 6, 2022

BRIEFING ITEMS

Item D: City Deployment of Electric Vehicle Charging Infrastructure for Public Use

The following individuals briefed the committee on the item:

- Carlos Evans, Director, Office of Environmental Quality & Sustainability;
- Susan Alvarez, Assistant Director, Office of Environmental Quality & Sustainability;
- Pharr Andrews, Senior Climate Coordinator, Office of Environmental Quality & Sustainability; and
- Carrie Rogers, Director, Office of Government Affairs

OFFICIAL ACTION OF THE CITY COUNCIL COMMITTEE

SEPTEMBER 6, 2022

BRIEFING ITEMS

Item E: Environmental Commission Update

The following individuals briefed the committee on the item:

- Kathryn Bazan, Chair, Environmental Commission; and
- Susan Alvarez, Assistant Director, Office of Environmental Quality & Sustainability



# OFFICIAL ACTION OF THE CITY COUNCIL COMMITTEE

SEPTEMBER 6, 2022

## UPCOMING AGENDA ITEMS

- Item F: A public hearing to receive comments on a proposed municipal setting designation to prohibit the use of groundwater as potable water beneath property owned by Jubilee Park Clinic Holdings, LLC located near the intersection of Parry and Ann Avenues and adjacent street rights-of-way; and an ordinance authorizing support of the issuance of a municipal setting designation to Jubilee Park Clinic Holdings, LLC by the Texas Commission on Environmental Quality and prohibiting the use of groundwater beneath the designated property as potable water - Financing: No cost consideration to the City  
Recommendation of Staff: Approval
- Item G: A public hearing to receive comments on a proposed municipal setting designation to prohibit the use of groundwater as potable water beneath property owned by SCP/OI Good Latimer OZ Owner, LLC located near the intersection of South Good Latimer Expressway and Dawson Street and adjacent street rights-of-way; and an ordinance authorizing support of the issuance of a municipal setting designation to SCP/OI Good Latimer OZ Owner, LLC by the Texas Commission on Environmental Quality and prohibiting the use of groundwater beneath the designated property as potable water - Financing: No cost consideration to the City  
Recommendation of Staff: Approval

The committee discussed the items.

MINUTES OF THE CITY COUNCIL COMMITTEE  
TUESDAY, SEPTEMBER 6, 2022

EXHIBIT C

# Memorandum



CITY OF DALLAS

DATE September 6, 2022

TO Honorable Members of the Environment & Sustainability (ENVS) Committee

SUBJECT **OEQS Legislative Priorities Update**

This memorandum provides recommendations from the Office of Environmental Quality and Sustainability (OEQS) to the Office of Government Affairs (OGA) for possible inclusion in the City of Dallas Legislative Program, highlights activities by external partners to improve the environment through legislative action, and summarizes legislative priorities identified by ENVS Committee members during the August 1, 2022 meeting.

## **INTRODUCTION**

As background, the Comprehensive Environmental and Climate Action Plan (CECAP) is a comprehensive roadmap that outlines specific activities that the City plans to undertake to improve quality of life for all residents, to reduce greenhouse gas emissions, to prepare for the impacts of climate change, and to create a healthier and more prosperous community. In May 2020, the City Council adopted the CECAP and a suite of actions that point Dallas in the direction of achieving carbon neutrality by 2050. Many of the actions in the CECAP plan would benefit from State legislative support. The 88<sup>th</sup> Session of the Texas Legislature will convene in January 2023 and many issues affecting local governments and environmental improvements will be considered.

## **CECAP ALIGNMENT**

The following recommended environmental legislative priorities support the actions in the CECAP. OEQS provided this information to the OGA in June 2022.

- Support legislation related to batch plants that require, for example: buffers between batch plants and neighborhoods; onsite air monitoring; controls on stacks; and annual inspections.
- Support legislation related to power grid improvements and distributed energy resources (e.g., battery, solar, wind).
- Supporting legislation related to climate and climate mitigation and adaptation actions.
- Supporting legislation that advances the use of electric vehicles and associated infrastructure.
- Supporting legislation that advances environmental justice, such as: incentives for infrastructure investment in populations disproportionately impacted by pollution; enhanced community engagement by State agencies; and fund an Office of Environmental Justice in the Office of the Public Interest Counsel.
- Support legislation that encourages the donation of pre-consumer edible food from food service vendors directly to those in need.
- Prevent the narrowing of the definition of State waters.
- Support legislation that expands public participation/community involvement in State decision-making processes.

DATE September 6, 2022  
SUBJECT **OEQS Legislative Priorities Update**

- Support legislation that expands producer responsibility.
- Support legislation that advances the reduction of harmful greenhouse gas emissions.
- Support legislation that bans the disposal into landfills of certain recyclable and organic materials.
- Support legislation to update substandard home stock (e.g., weatherization, energy efficiency, health and safety upgrades).
- Legislation that supports clean energy job creation and training.
- Supporting legislation that bans single use food containers (e.g., polystyrene).
- Support legislation that ensures greater coordination between the Texas Commission on Environmental Quality (TCEQ) and local governments when issuing permits.
- Support legislation that requires and incentivizes the recycling of certain construction, remodeling, and demolition debris.
- Support legislation that encourages the use of alternative modes of transportation.
- Support legislation that requires the incorporation of reusable and recyclable materials into municipal road construction and maintenance projects.
- Support legislation that encourages the pickup and delivery of food and organic waste from food service vendors for composting.
- Support legislation that allows per ton surcharges on materials disposed in landfills to fund a variety of waste reduction and diversion activities.

## **PARTNER ALIGNMENT**

OEQS collaborates with multiple internal and external partners on the local, state, and national level to advance climate action. External partners such as C40, Climate Mayors, Urban Sustainability Directors Network, and other local stakeholders are also prioritizing support for legislation that, for example, improves environmental justice, increases use of renewable sources of energy, promotes reduced water and energy consumption, and reduces global climate impacts. Adding the City of Dallas voice to this call for action will amplify these items and help produce results for local residents.

## **ENVS COMMITTEE ALIGNMENT**

During the August 1, 2022 ENVS Committee meeting, committee members raised the legislative priorities listed below. Many of the priorities echo concerns raised by OEQS and external partners.

- Legislation that addresses gaps regarding renewables (West vs. East Texas). (CM Blackmon)
- Legislation related to climate and climate mitigation and adaptation actions. (CM Ridley)
- Legislation that advances the use of electric vehicles and EV infrastructure to, for example, expand state and municipal EV fleets. (CM Ridley)
- Legislation related to polluting facilities that require, for example: buffers between facilities and neighborhoods; increased monitoring, testing, recordkeeping, and reporting; increased use of pollution controls; increased inspections; and engaging communities early in the permitting process. (CMs Schultz, Bazaldua)
- Legislation that reduces the use of impervious surfaces to, among other things, reduce stormwater impacts. (CM Schultz)

DATE September 6, 2022  
SUBJECT **OEQS Legislative Priorities Update**

- Legislation that addresses facilities that were zoned using predatory/discriminatory zoning practices to reduce, among other things, disproportionate environmental and health impacts on communities of color. (CM Bazaldua)
- Legislation that reduces urban sprawl. (CM West)
- Legislation that expands state and municipal parks. (CM West)
- Legislation that helps protect our urban forests and tree canopy from the emerald ash borer. (CM Resendez)

### **NEXT STEPS**

OGA is currently reviewing recommendations from all City staff and Councilmembers. The next update on the City of Dallas Legislative Program will be presented to the Legislative Ad Hoc Committee on September 13, 2022. The final program will be presented to the full Council during the first quarter of FY23.

If you have questions, or need additional information regarding this memo, please contact Carlos Evans, OEQS Director (214-670-1642), Susan Alvarez, OEQS Assistant Director (214-671-9505), or Pharr Andrews, OEQS Senior Climate Coordinator.



M. Elizabeth (Liz) Cedillo-Pereira, J.D.  
Assistant City Manager, City of Dallas

c: Chris Caso, City Attorney  
Mark Swann, City Auditor  
Biliera 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  
M. Elizabeth (Liz) Cedillo-Pereira, 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

# Memorandum



CITY OF DALLAS

DATE August 26, 2022

TO Honorable Members of the Environment & Sustainability Committee

SUBJECT **Solar PV Projects Update**

The purpose of this memorandum is to provide an update on the three solar photovoltaic (PV) projects currently underway.

Fretz Park Recreation Center, Pleasant Oaks Recreation Center, and Dallas West Branch Library were selected for installation of solar PV systems. These three facilities were identified using energy benchmarking data from the Energy Start Portfolio Manager and consideration of identified equity priority areas. As referenced below, in April 2022, the City Council approved a construction services contract related to the installation of solar PV systems for the Building Services Department (BSD).

**File ID 22-436:** Authorize a construction services contract for the installation of solar photovoltaic systems at multiple City facilities with Ameresco, Inc. through The Interlocal Purchasing System Contract No. 210203 Part 2 - Not to exceed \$993,938.28 - Financing: Capital Construction Fund (\$500,000.00) and Coronavirus State and Local Fiscal Recovery Funds (\$493,938.28).

Following City Council approval, the contractor Ameresco, Inc. completed the project designs for the above three projects and submitted the required drawings for permitting in July 2022. Currently, all the three projects are under review by the Department of Development Services (DEV), with final permit approval expected soon. Ameresco, Inc. has confirmed all required panels have been ordered and approximately 65% of all required support materials/equipment has been received.

Once permits are approved and all required equipment is onsite, it is estimated that each location will take an average of 6 to 8 weeks to complete, weather permitting. During the final stage of the project, power to each facility must be turned off, to connect the solar PV system to each buildings' electrical infrastructure; BSD will coordinate any planned outage, in advance, with the appropriate department/facility management.

Pending no unexpected delays, extended inclement weather, or supply chain issues, all three projects are expected to be completed and operable by December 2022.

DATE August 26, 2022  
SUBJECT **Solar PV Projects Update**

Currently, the FY22-23 Proposed Budget does not include any additional funds dedicated to solar projects. However, BSD is actively collaborating with other City departments, such as Office of Government Affairs (OGA) and Office of Environmental Quality and Sustainability (OEQS) to identify any Federal or State grant funds or programs available to further the City's solar PV program.

Should you have any questions, please contact John Johnson, Director of Building Services at [john.johnson2@dallas.gov](mailto:john.johnson2@dallas.gov).

*Robert Perez*

Robert Perez (Aug 22, 2022 15:41 CDT)

**Robert M. Perez, Ph.D.**  
**Assistant City Manager**

c: Honorable Mayor and Members of the City Council  
T.C. Broadnax, City Manager  
Chris Caso, City Attorney  
Mark Swann, City Auditor  
Billerae 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  
M. Elizabeth (Liz) Cedillo-Pereira, 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



**City of Dallas**

# **COMPREHENSIVE URBAN AGRICULTURE PLAN (CUAP)**

## **Urban Agriculture Plan Recommendations**

### **Environment and Sustainability Subcommittee September 6, 2022**

Prepared for: Environmental Commission  
| City of Dallas, OEQS

By Agritecture



# AGENDA



1. Project Team
2. Project Objectives
3. Where are we?
4. Review of Recommendations
5. Timeline

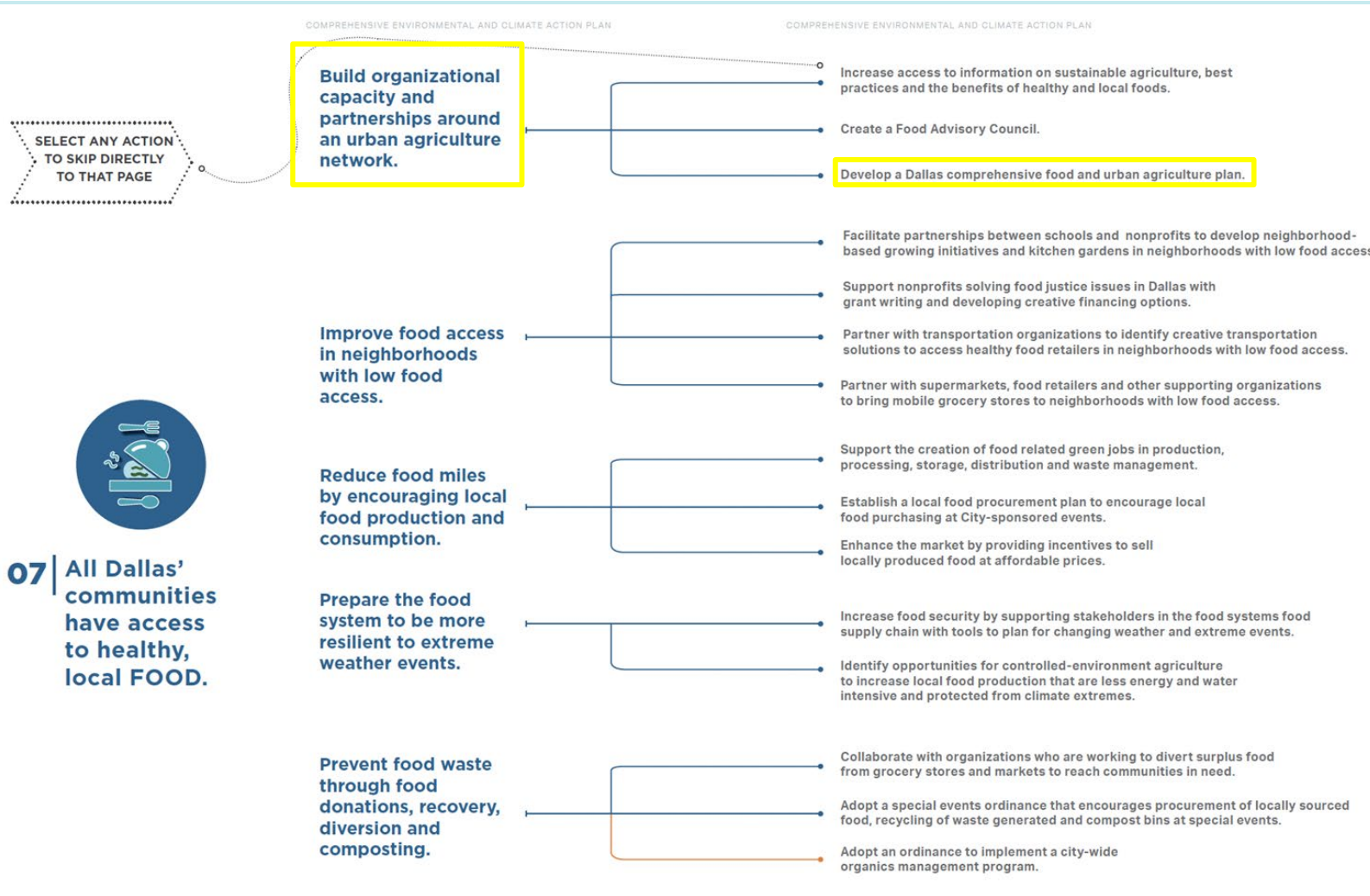




# PROJECT TEAM



# PROJECT OBJECTIVES



## CECAP SECTOR TARGETS

### 1. HEALTHY AFFORDABLE ACCESS

50% by 2030/100% by 2050

### 2. INCREASE URBAN GARDEN ACREAGE

20% by 2030/75% by 2050

### 3. INCREASE LOCAL COMMERCIAL FOOD SOURCING

10% by 2030/50% by 2050



# DEFINE URBAN AGRICULTURE

---

**"Urban agriculture generally refers to the cultivation, processing and distribution of agricultural products in urban and suburban settings, including things like:**

- Vertical production
- Warehouse farms
- Community gardens
- Rooftop farms
- Hydroponic
- Aeroponic
- Aquaponic facilities
- Other innovations.



**Urban farmers and gardeners work among diverse populations to expand access to nutritious foods, foster community engagement, provide jobs, educate communities about farming, and expand green spaces."**

- *USDA. Farmers.gov*

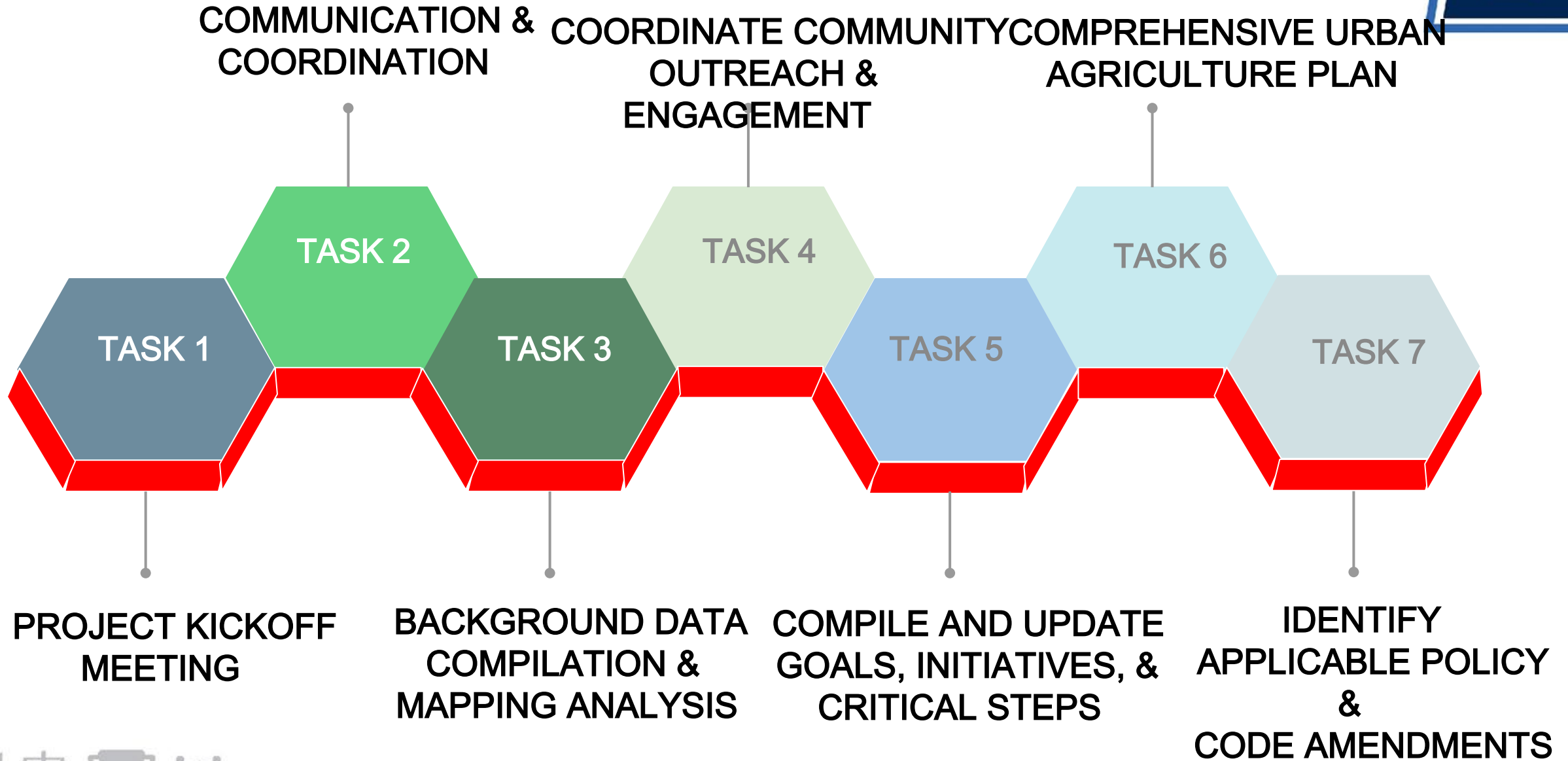


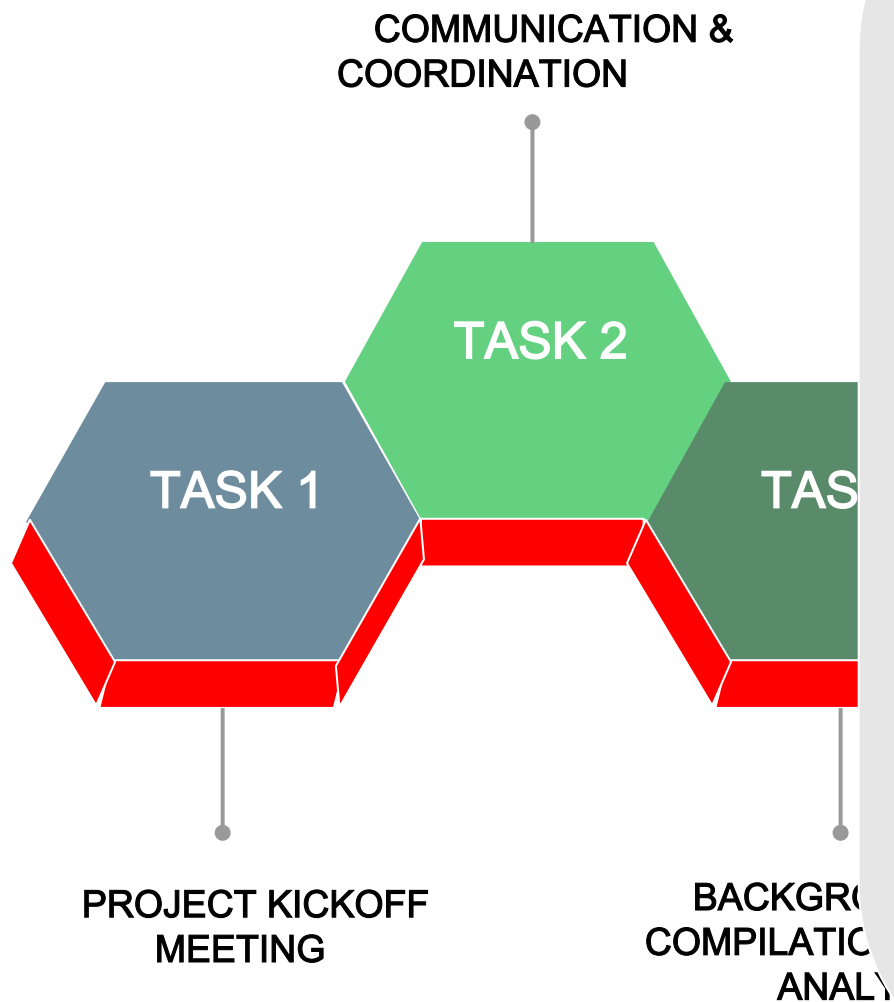




# WHERE ARE WE?







- ***~55 STAKEHOLDER INTERVIEWS COMPLETED***
- ***TWO PUBLIC ENGAGEMENT SURVEYS***
  - ***URBAN AG PUBLIC SURVEY ~700+ SURVEY RESPONSES***
  - ***GARDEN VERIFICATION RECENTLY LAUNCHED***
- ***BACKGROUND RESEARCH COMPLETED***
  - ***Review of Local Food, Local Places***
  - ***4 OTHER UA PLANS REVIEWED***
- ***GISWEB APP BUILT***
  - ***OPPORTUNITY ZONES ANALYSIS IN PROGRESS***
- ***5 RECOMMENDATION WORKSHOPS COMPLETED***
- ***FIRST ROUND ON SITE VISITS COMPLETED***
  - ***2ND VISIT SEP/OCT '22***





# URBAN AG PUBLIC SURVEY

- Intended to gauge public demand in the City of Dallas for local foods, as well as interest in Urban Farming and awareness of its benefits
- Data collected will support the recommendations made in CUAP
- Provided in both English and Spanish.

This survey has 11 questions:

- 8 Mandatory Questions
- 1 question for zipcode
- 3 questions on Local Food demand
- 4 questions on interest in Urban Agriculture

There are three additional optional demographic questions on age, language, and email for Dallas Urban Ag Newsletter.

In the last year, have you gardened or farmed in Dallas?

☐ Yes

☐ No

Are you interested in volunteering, learning, or working in gardening or farming?

☐ Yes

☐ No

How should the City support urban agriculture?

☐ Provide money or resources to start a garden/farm

☐ Reduce cost of fresh produce to public

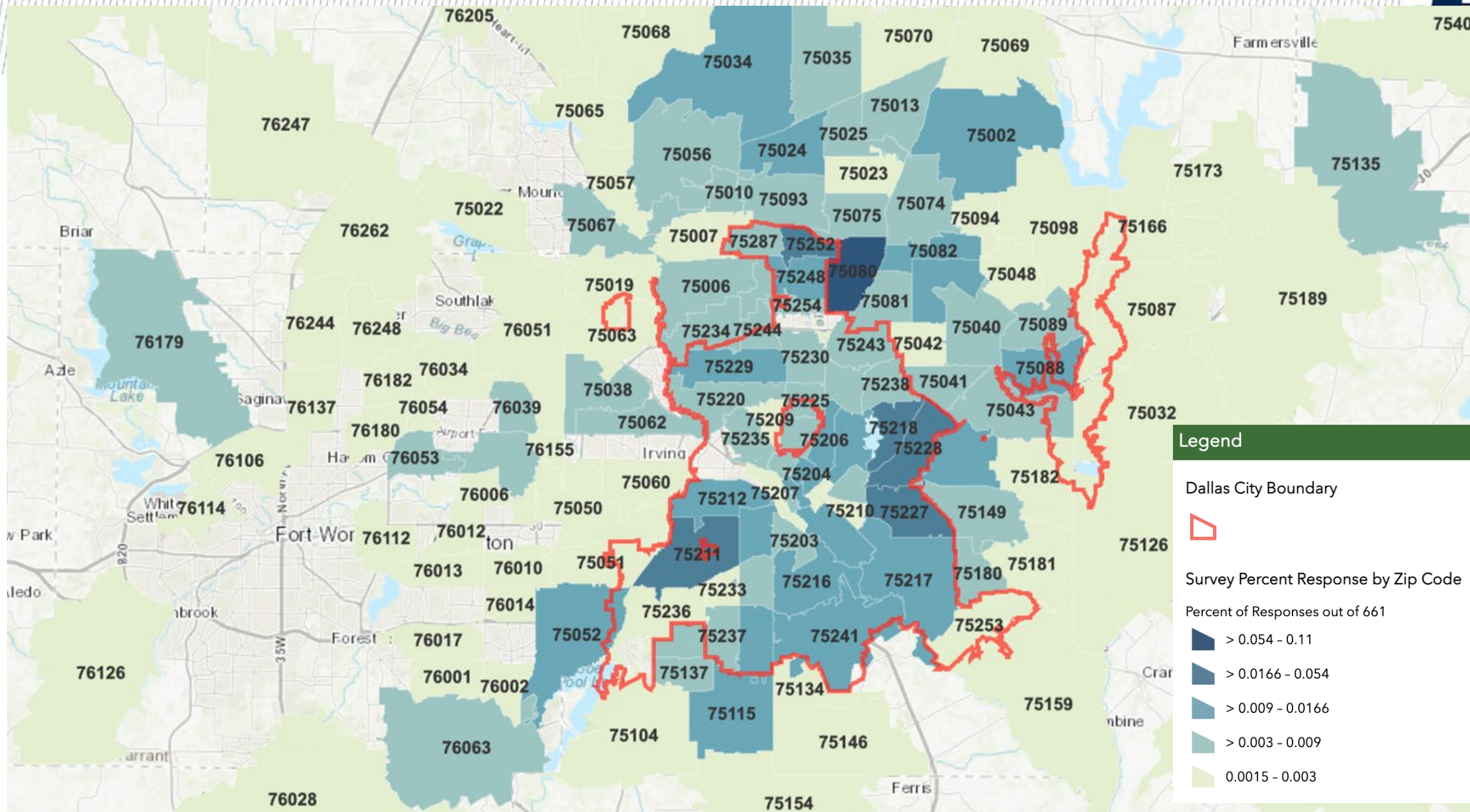
☐ Make land/space available

☐ Provide education/training

☐ Other









# CUAP Recommendations & Framework

RECOMMENDATION	1	2	3	4	5
DESCRIPTION					
RELATED CECAP GOAL					
SOLUTION					
Description/ Rationale					
Timeline					
Who Leads/					
Who Supports					
Initial Actions					
Model(s) from other cities					
Success metrics/ indicators					

Recommendations

1. Reduce regulatory barriers to urban food production.

2. Support land access for growers and food-related activities.

3. Provide education, resources, and support to urban farmers

4. Build market opportunities for urban growers.

5. Facilitate collaboration among urban agriculture stakeholders.







## City of Dallas - Urban Ag Plan - Recommendation 1 - Reduce Regulatory Barriers To Urban

Prepared for **City of Dallas - Food Advisory Council**

Prepared by **Agriitecture**

Created on **July 2022**



<b>WHICH RECOMMENDATION?</b>	Reduce regulatory barriers to urban food production.
<b>DESCRIPTION</b>	<p>Urban farmers currently operate in legal-limbo or petition for exemptions through City Managers and/or City Council. This tedious and confusing process discourages potential new growers from establishing new commercial and community-based UA projects. Moreover, City officials themselves have stated that they do not make permitting and zoning processes easy for citizens. There is a need for clear and inclusive ordinances that provide farmers and City employees clear guidance on how to efficiently establish new UA sites.</p>
<b><u>RELATED CECAP GOALS</u></b>	<p>Goal 7 Targets: Increase <i>Urban Agriculture Acreage</i>: 20% by 2030 / 75% by 2050</p> <p>Additional CECAP Goals Impacted:</p> <ul style="list-style-type: none"><li>- Goal 7 FA8 - Support The Creation Of Food Related Green Jobs In Production, Processing, Storage, Distribution And Waste Management.</li><li>- Goal 6 EG8 - Improve The Quality Of Urban Ecosystems In Dallas Through The Sustainable Appropriate Design, Creation And Planting Of Urban Habitats.</li><li>- Goal 6 EG9 - Support Public And Private Partnerships Using Naturebased Solutions To Address Public Health Challenges.</li><li>- Goal 1 B13 - Establish Urban Greening Factor Requirements For New Developments That Quantify How Projects Contribute To Urban Greening For Reduced Stormwater Runoff And Urban Heat Island Improvements.</li></ul>



# RECOMMENDATION 1 REDUCE REGULATORY BARRIERS TO URBAN FOOD PRODUCTION



1

2

3

## SOLUTIONS

Update Urban Ag Code Ordinance & Agriculture land use description in compliance with the City of Dallas Planning & Urban Design

Change CO/Permitting Process (PLAT map, water meter) (may or may not fall under solution 1)

Create incentives for developers to include Urban Agriculture within new developments.

## DESCRIPTION

Catalyst for us to move towards updates to the ordinances/ CO easements.

There are likely goals in existing comprehensive plan (PUD) that could be cited as support for UA.

Easing CO and development review process on owned properties for new structures, new growing and unowned for full permitting

Developers have a significant influence on land use, stand to benefit from Urban Agriculture (amenity benefits, heat island reduction, stormwater infiltration, etc) and have the capital resources to support urban agriculture.

Well-designed city development incentives can encourage more urban agriculture in COD at no cost to the City.

## TIMELINE

12 - 18 Months

12 - 18 Months

6-12 Months



# RECOMMENDATION 1 REDUCE REGULATORY BARRIERS TO URBAN FOOD PRODUCTION.



1

2

3

## SOLUTIONS

### Update Urban Ag Code Ordinance and Agriculture land use description

1. Grant program to cover fees for COs/Permits
1. Temporary process internally for AG or non-profit exemption (waiving fees) from CO/permitting process
1. Formalize policy/process change
1. Allow commercial sales of produce from residential property
1. Coordinate with PUD/Housing to explore future opportunities through HUD grants that could potentially support expansion of UA

### Change CO/Permitting Process

*These action items are currently in work between the Project Team and the Planning and Urban Design Agency at the City of Dallas.*

### Create incentives for developers

1. Convene developers to identify meaningful benefits
1. Meet with PUD to determine acceptable incentives
1. Design accountability process to ensure program moves the needle on UA

## INITIAL ACTIONS

## WHO LEADS/ WHO SUPPORTS

OEQS| Planning & Urban Design (PUD) | Cit Attorney's Office

OEQS| Sustainable Development and Construction Department Building Inspection Division | PUD

OEQS | PUD | Sustainable Development and Construction Department

# RECOMMENDATION 2 SUPPORT LAND ACCESS FOR GROWERS AND RELATED ACTIVITIES.



1

2

3

4

## SOLUTIONS

**Visualize the COD UA landscape** in geographic context, framed with equity.

**Tree Tops Down Approach**  
Matchmaking for city-owned lots

**Roots Up Approach**  
Matchmaking model for private landowners.

**Co-Design Approach**  
Co-design Urban Agriculture Zoning and Land Use educational events/materials

## DESCRIPTION

A visual representation of land opportunities suitable for UA, overlaid with the existing UA infrastructure, community assets, and community social determinants of health

Utilizing city owned sites for either permanent or temporary agricultural use would meaningfully advance the CECAP targets of local food production and climate resilience.

Collaborate with established UA practitioners to design a RFP for a decentralized database/matchmaking service between aspiring farmers and landowners, for private, non-COD owned land in the North Texas region.

In order to prevent unintended consequences such as causing nuisances, the COD could partner with residents and UA practitioners to understand land use and zoning guidelines for the diverse set of UA land opportunities.

## TIMELINE

Ongoing

12-18 Months

18-24 Months

TBD



# RECOMMENDATION 2 SUPPORT LAND ACCESS FOR GROWERS AND RELATED ACTIVITIES.



1

2

3

4

## SOLUTIONS

### Visualize the COD UA landscape

1. Create GIS Web App
1. Produce Citywide and City Council District reports
1. Establish COD ownership of the GIS Web App

### Tree Tops Down Approach

1. Use identified UA Priority Area Tracts
1. Develop a public version of the GIS Web App
1. Develop urban farm/garden programs
1. Put in place an audit/maintenance system
1. Create an incentive program, [joint use agreements](#) & Interim-

### Roots Up Approach

1. Reach out to existing farmland matchmaking services and inquire about best practices
1. Perform targeted area land use studies in Tier 2 and Tier 1 tracts
1. Convene UA practitioners and peri-urban small farmers in focus groups
1. Determine the most feasible implementation plan

### CoDesign Approach

1. Create an UA land opportunity workshop
1. Create a second workshop and brief series for land opportunities.
1. A third workshop brief series could showcase successful production and community engagement techniques

## INITIAL ACTIONS

## WHO LEADS/ WHO SUPPORTS

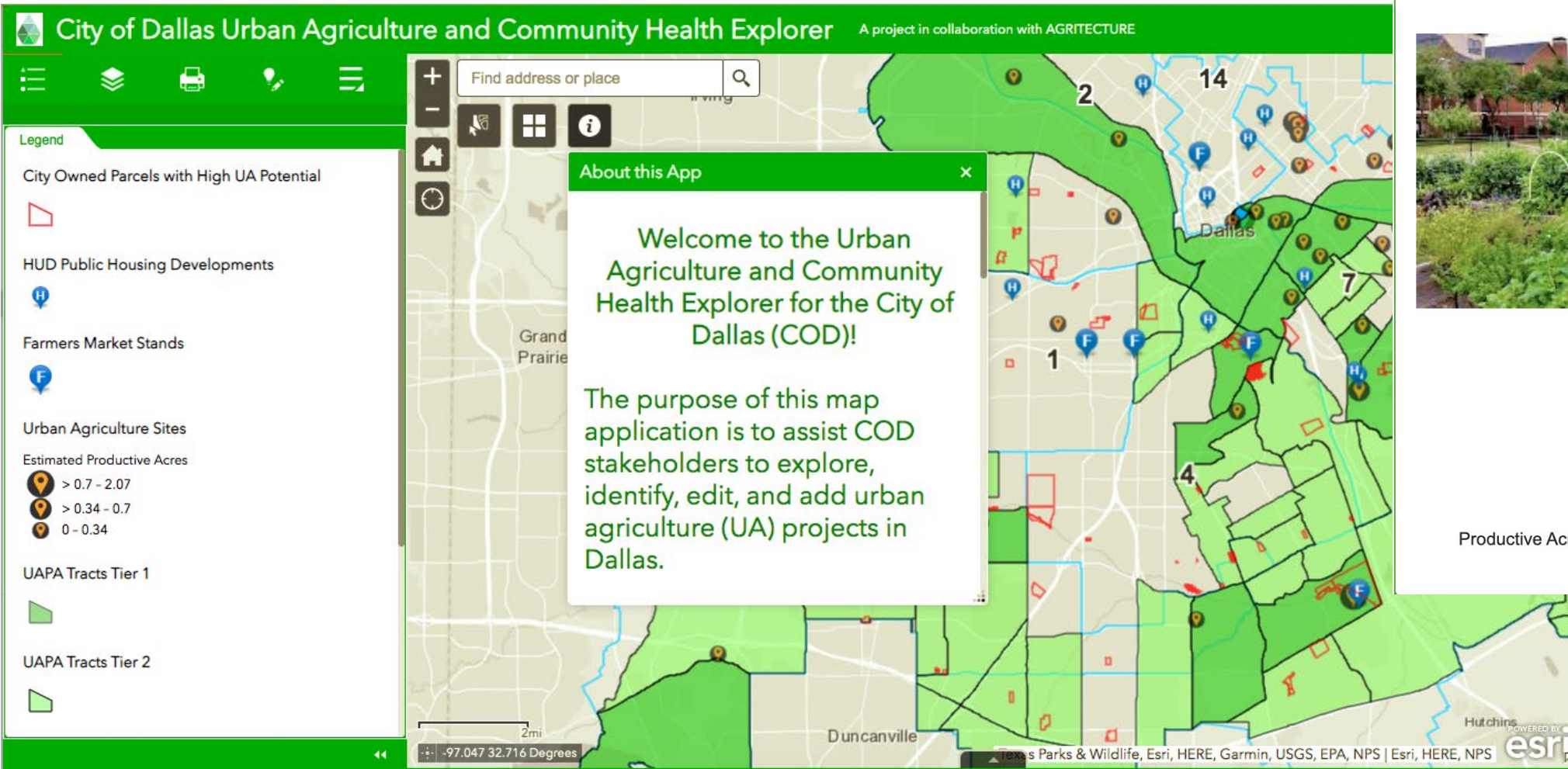
OEQS | Other related City agencies and affiliates

OEQS | Other related City agencies and affiliates

TBD Community Partner(s)

OEQS | Other related City agencies and affiliates (PUD)

# UA GIS Web Application



## Infographic of Productive Acres

### ESTIMATED PRODUCTIVE ACRES



16.78

Productive Acres are estimated by satellite imagery





# RECOMMENDATION PROVIDE EDUCATION, RESOURCES, AND SUPPORT TO URBAN FARMERS

1

2

3

SOLUTIONS

UA Resource Page

Create clear, accessible documents that educate urban farmers

UA Education

Develop and implement a cohesive UA education strategy

UA Workforce Development

Increase internship and traineeship opportunities

DESCRIPTION

Creating a central website will help reduce the siloing and lack of clarity.

Community members can find available land and resources, funding opportunities, training programs, related events, and outside resources.

Working with DISD, HUD, local Colleges will help disseminate knowledge to a widerange of audiences.

Topics can include: optimal growing practices, familiarity with the benefits of UA, and providing more experience for job opportunities in UA.

Increasing internship and traineeship opportunities in urban agriculture will build a pipeline of talent to support local nonprofit and for profit farms.

TIMELINE

12 Months

12-18 Months

< 6 Months





# RECOMMENDATION B PROVIDE EDUCATION, RESOURCES, AND SUPPORT TO URBAN FARMERS

1

2

3

SOLUTIONS

INITIAL ACTIONS

WHO LEADS/  
WHO SUPPORTS

UA Resource Page	UA Education	UA Workforce Development
<div>1. Determine website host</div> <div>1. Establish a public input process</div> <div>1. Develop/Gather resources</div> <div>1. Organize a central calendar</div> <div>1. Devote staff members to maintain</div> <div>1. Host workshops and print summaries for those without internet access</div>	<div>1. Create Pilot education program with CityLab school</div> <div>1. Identify experts and institutions who can add value to this process</div> <div>1. Convene local experts to develop region-specific UA best practices.</div> <div>1. Identify and train communications/ programming partners to share information</div>	<div>1. Get website setup from Solution 1</div> <div>1. Consult with established UA Operators to determine qualifications</div> <div>1. Contact stakeholders to gather job offerings</div> <div>1. Upload and maintain</div>
OEQS   FAC	OEQS   Office of Equity and Inclusion FAC	OEQS   FAC   Office of Equity and Inclusion

# RECOMMENDATION BUILD MARKET OPPORTUNITIES FOR URBAN GROWERS.



1

2

3

4

## SOLUTIONS

Facilitate connections between local buyers and producers

“Buy Local” campaign with consumer and business facing elements

Reduce barriers to operating farmers markets

Seek funding for nutrition assistance programs to increase purchasing power of low-income consumers

## DESCRIPTION

Helping smaller growers access wholesale customers is one of the most impactful ways to develop a local food system. **Institutions represent huge opportunities** to change eating habits at scale and decrease food imports.

By developing a “Buy Local” label or initiative, COD can help give local producers a **marketing and branding advantage**, making them more competitive with producers outside the region.

Reducing the costs and complexity of obtaining a **market permit**, and financially supporting UA farmers with other marketing costs, will help growers scale up production and allow new farmers to access new markets.

Existing programs like **Double Up Bucks** already demonstrate the power of coupling government assistance funding with local food production.

## TIMELINE

Can begin soon, to ramp up as production increases

Long term, wait for increase in local production first

In progress, FAC to support

1-2 years



# RECOMMENDATION BUILD MARKET OPPORTUNITIES FOR URBAN GROWERS.



1

2

3

4

## SOLUTIONS

### Facilitate connections

1. Convene chefs and growers to discuss challenges with current procurement strategies and opportunities for collaboration.
1. Develop and disseminate a list of active producers and buyers. Share best practices
1. Host a section on the UA website about procurement opportunities and providers.

### "Buy Local" campaign

1. Establish relationship with existing local labels
1. OEQS to promote the chosen label and participants on the UA resource page
1. Establish procedures to prevent abuse of the label and erosion of consumer faith

### Reduce barriers

1. Ordinance change, Chap 42, sec. 22
1. Explore options for supporting farmers with marketing and distribution costs
1. Provide nocost spaces for marketing on city-owned properties.
1. Collaborate with DART to promote local producers.

### Seek funding for nutrition assistance programs

1. Understand current barriers to expansion (believed to be identifying financial matching partner)
1. Explore funding opportunities, including: LFPP grant Restorative Farms
1. The GusNIP Nutrition Incentive Program
1. Produce prescription program Lexi Uribe UT
1. Distribution/Market at West Dallas Community Center

## INITIAL ACTIONS

## WHO LEADS/ WHO SUPPORTS

Partnership b/w COD & community partner

TBD  
(COD supports, not leads)

OEQS| PUD | FAC

OCC | OEQS



# RECOMMENDATION 5 FACILITATE COLLABORATION AMONG URBAN AGRICULTURE STAKEHOLDERS



1

2

3

SOLUTIONS

Continue a Food Advisory Council that represents a range of UA production systems, funding schemes, and organizational structures	Share knowledge about useful UA events and qualified content experts	Develop a series of Workshops held by Urban Agriculture stakeholders or other industry experts to increase knowledge sharing
---	--	--

DESCRIPTION

Continuing building a Food Advisory Council that represents UA stakeholders assures that there is a central entity within the Dallas community that can serve to strengthen collaboration amongst stakeholders and ease communication with related City Departments and affiliates.

Organizing UA related events and publicizing them provides transparency to UA resources and knowledge and builds organization capacity in the UA community.

Creating a workshop series run by the proposed Urban Agriculture or Food Advisory Council to feature experts and native Dallas Urban Agriculture Stakeholders that address commonly held problems and attempts to find agreed upon solutions. Specifically in the areas of grant writing, shared distribution and/or processing infrastructure.

TIMELINE

Ongoing	Ongoing	6- 12 Months
---------	---------	--------------





# RECOMMENDATION 5 FACILITATE COLLABORATION AMONG URBAN AGRICULTURE STAKEHOLDERS



1

2

3

## SOLUTIONS

Continue a Food Advisory Council	Share knowledge about useful UA events	Develop a series of Workshops held by Urban Agriculture stakeholders
----------------------------------	--	--

## INITIAL ACTIONS

<ul style="list-style-type: none"><li>1. Set in place a meeting schedule</li><li>1. Solicit initial feedback from stakeholders regarding priorities and objectives</li><li>1. Implement processes for auditing and receiving recommendations</li></ul>	<ul style="list-style-type: none"><li>1. Develop a list of useful UA events and find qualified facilitators</li><li>2. Create an overarching event ("Harvest Fest") in February</li><li>1. Publish this information on the UA Resource Page mentioned in recommendation three (3)</li><li>1. Solicit feedback on which trainings and events are the most useful</li></ul>	<ul style="list-style-type: none"><li>1. Conduct an activation event on the state of Urban Agriculture in Dallas, sharing existing operations, opportunities to volunteer and different business models</li><li>1. Solicit feedback on what future workshops would be the most helpful</li></ul>
--	---	--

## WHO LEADS/ WHO SUPPORTS

OEQS   Urban Agriculture Stakeholders	OEQS   Office of Community Care	OEQS   FAC
---------------------------------------	---------------------------------	------------



# Comprehensive Urban Agriculture Plan, City of Dallas- Feedback Form

Thank you for taking the time to provide feedback on the City of Dallas's first Comprehensive Urban Agriculture Plan.

This plan is driven by FA3 of Goal 7 of the Dallas Comprehensive Environmental And Climate Action Plan (CECAP).

The targets for Goal 7 are:

- Healthy Affordable Access: 50% by 2030/100% by 2050
- Increase Urban Acreage: 20% by 2030/ 75% by 2050
- Increase Local Commercial Food Sourcing: 10% by 2030/ 50% by 2050

It is essential that this plan provide recommendations that are feasible and actionable for the City of Dallas and local Urban Agriculture stakeholders. This form has been created purposely to allow open ended comments to capture as much detail and nuance as possible.

Please provide your careful review with this in mind. We thank you in advance for your time and consideration.

If you have any questions or wish to speak with the Project Team, please contact [Jeffrey@agritecture.com](mailto:Jeffrey@agritecture.com)

---

Overview of Sections:

- (1) General Information
- (2) Recommendation 1: Reduce regulatory barriers to urban food production.
- (3) Recommendation 2: Support Land Access For Growers And Food-Related Activities

## Recommendation 1: Reduce regulatory barriers to urban food production.

Do you understand the reasoning behind this recommendation after reading the Description?

"Urban farmers currently operate in legal-limbo or petition for exemptions through City Managers and/or City Council. This tedious and confusing process discourages potential new growers from establishing new commercial and community-based UA projects. Moreover, City officials themselves have stated that they do not make permitting and zoning processes easy for citizens. There is a need for clear and inclusive ordinances that provide farmers and City employees clear guidance on how to efficiently establish new UA sites."

☐ Yes

☐ No

☐ Other: \_\_\_\_\_

Do you believe Solution 1 is actionable and appropriate?

Please answer yes or no and give an explanation.

Your answer \_\_\_\_\_

Do you believe Solution 2 is actionable and appropriate?

Please answer yes or no and give an explanation.

Your answer \_\_\_\_\_



# TIMELINE



Present Recommendations  
to Food Advisory Council

FAC & EC Deadline to Submit  
Feedback on CUAP

Onsite Public Engagement

JULY 26

AUGUST 26

MID OCTOBER

AUGUST 10

SEPTEMBER 6

LATE  
OCTOBER/NOVEMBER

Submit draft plan to City Council

Present Recommendations  
Environmental  
Commissioners

Environmental and Sustainability  
Committee





# Questions?



All follow-up questions may be sent to

Rabekha Siebert - [rabekha.siebert@dallas.gov](mailto:rabekha.siebert@dallas.gov)

Jeffrey Landau - [Jeffrey@agritecture.com](mailto:Jeffrey@agritecture.com)





**City of Dallas**

# **City Deployment of Electric Vehicle (EV) Charging Infrastructure for Public Use**

**September 6, 2022**

Pharr Andrews,  
Senior Climate Coordinator,  
Office of Environmental Quality &  
Sustainability

# Overview



- City of Dallas role in deploying public facing EV infrastructure
- Types of EV infrastructure
- Locations for City deployment
- Funding for public EV charging stations
- Next steps



# Increased interest in EV charging for public use



Do we have existing funding to install public facing EV infrastructure in City budget?

Where could City of Dallas put public facing EV charging infrastructure?

Are there funding opportunities from the State and Federal level for EV Infrastructure?

What initiatives could be implemented by the City in FY23 to support the deployment of EV charging infrastructure?





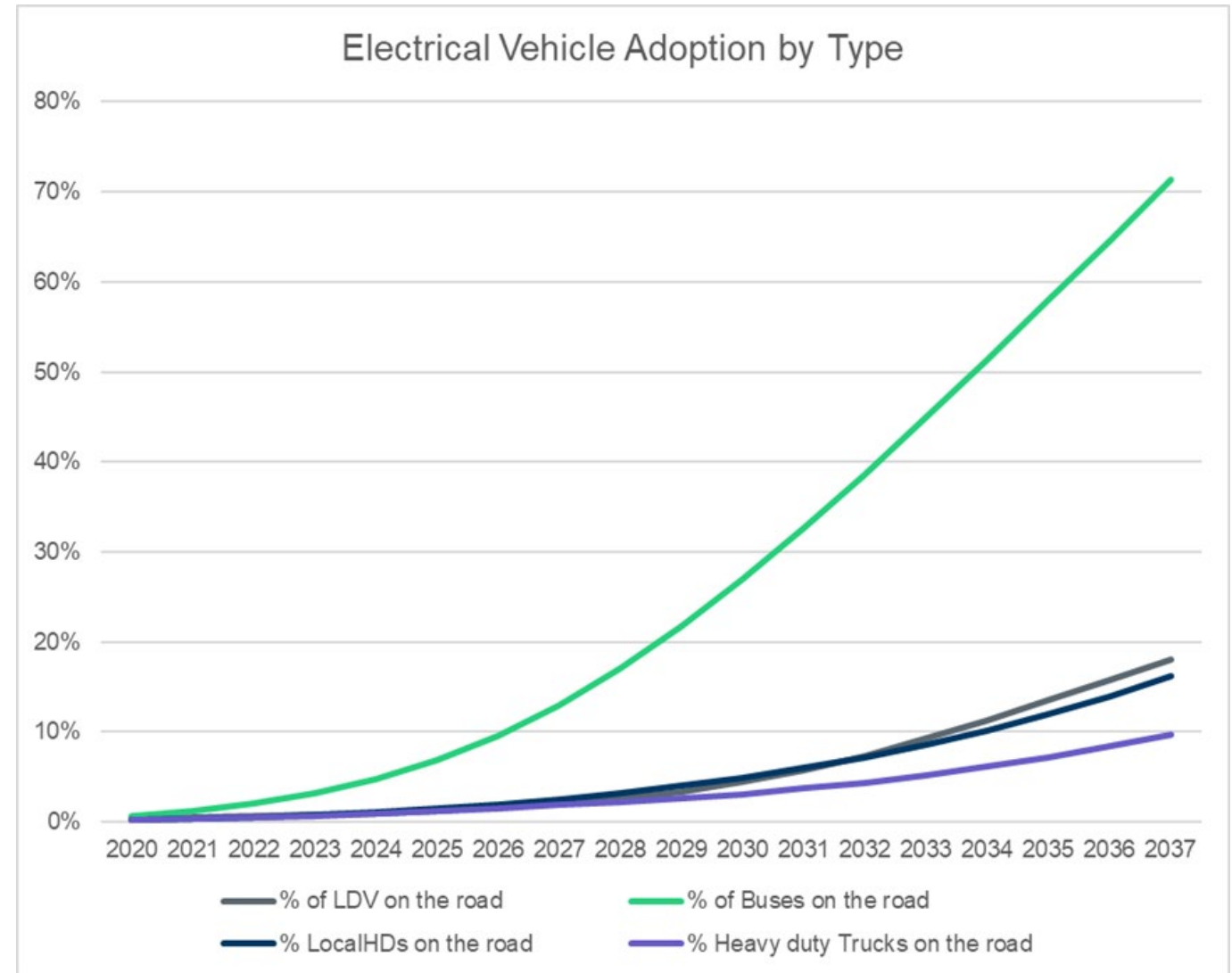
# Why does Dallas need more EV infrastructure?



## Regional Trends

(December 2021)

37,832 EVs Regionwide  
7,371 in City of Dallas  
49.6% Average Annual  
Growth in EV Registration  
2015-2021



Source: Electric Reliability Council of Texas (ERCOT) Long-Term System Assessment, <https://www.ercot.com/gridinfo/planning>. Uses an adjusted (delayed) forecast from Bloomberg New Energy Finance Electric Vehicle Outlook (<https://about.bnef.com/electric-vehicle-outlook/>).



# What is the City's role in deployment of EV infrastructure?



## GOAL 3: DALLAS' COMMUNITIES HAVE ACCESS TO SUSTAINABLE, AFFORDABLE, *TRANSPORTATION* OPTIONS.

### Objectives

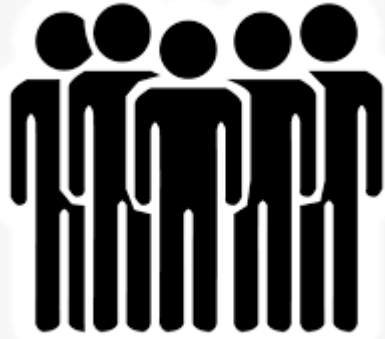
- Shift the surface transportation system to move people and goods in **fuel-efficient vehicles**.
- **Reduce trips** where people drive alone.
- **Synergize jobs and housing** with transportation infrastructure to increase access to walking and biking options, and public transit.
- Ensure that walking, biking, public transit, vehicular transportation **infrastructure is reliable and safe**.



# What is the City's role in deployment of EV infrastructure?



CITY  
FLEET



PUBLIC



CITY  
STAFF

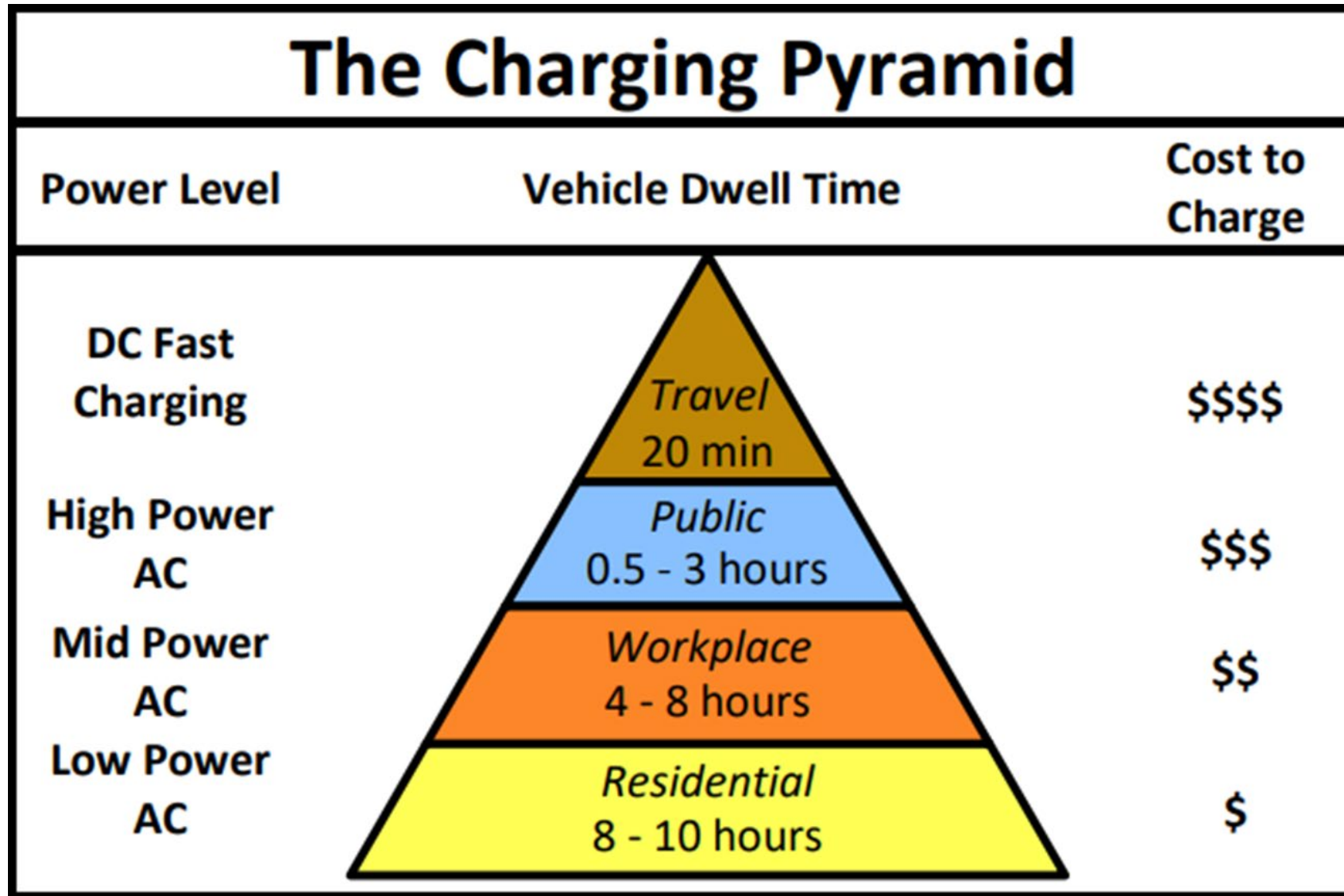


HOME-  
OWNERS





# What are the types of public EV charging infrastructure?



Charging Pyramid Sourcing: [https://afdc.energy.gov/files/u/publication/EV\\_Charger\\_Selection\\_Guide\\_2018-01-112.pdf](https://afdc.energy.gov/files/u/publication/EV_Charger_Selection_Guide_2018-01-112.pdf)





# Where could City deploy public EV charging stations?



- Parks
- Libraries
- Recreation Centers
- Convention Centers
- Municipal Buildings



# Does the City currently offer public EV charging stations?

Location	Address	Number of Chargers	Cost	Equipment Installed
City Hall	1500 Marilla St. Dallas, TX 75201	2	Free with Paid Parking	Charge Point
Love Field Garages (A,B,C)	8008 Herb Kelleher Way Dallas, TX 75235	30	Free with Paid Parking	Charge Point & Blink
Central Library	1515 Young Street Dallas, TX 75201	1	Free with Paid Parking	TXU
Dallas Executive Airport	5303 Challenger Dr. Dallas, TX 75237	2	Paid	Blink
Dallas Zoo	650 South R. L. Thorton Freeway Dallas, TX 75203	2	Free with Parking	Schnider Electric
Fair Park (near Gate )	3431Grand Ave Dallas, TX 75210	2	Paid	Blink

\* 2020 Inventory Data



# What cost are associated with EV charging stations?



1. Site Design
2. Utilities
3. Construction
4. Equipment
5. Fees and Pricing
6. Operation & Maintenance





# Are there funding opportunities on State or Federal level for deploying EV charging stations?



- NATIONAL ELECTRIC VEHICLE Infrastructure (NEVI) FORMULA PROGRAM (\$5 billion)
- Federal grants for charging and fueling infrastructure (\$2.5 billion)
- Energy Efficiency and Conservation Block Grants (\$550 Million)
- RAISE transportation grants (\$7.5 billion)
- Congestion Mitigation and air quality improvement program funds (\$13.2 billion)
- Carbon Reduction Program (\$6.4 billion)
- Volkswagen Settlement (\$2.9 billion)
- Diesel Emission Reduction Act (~\$46 million)



# Bipartisan Infrastructure Law (BIL)



The Bipartisan Infrastructure Deal will invest **\$7.5 billion** to build out the first-ever national network of EV chargers in the United States.

Grants for Charging and  
Fueling Infrastructure for  
Corridors and Communities  
**\$2.5B for Alternative Fuels  
(EV, CNG, LNG, LPG, H2)**

National Electric Vehicle  
Formula Program  
**\$5.0B for EV Corridors**

A critical element in the Biden-Harris Administration's plan **to accelerate the adoption of EVs to address the climate crisis and support domestic manufacturing jobs.**

Provide funding for deployment of EV chargers **along highway corridors to facilitate long-distance travel and within communities to provide convenient charging where people live, work, and shop.**

Funding will have a particular focus on **rural, disadvantaged, and hard-to-reach communities.**



# NEVI Formula Funding Impacts to Texas



TxDOT to Receive and Administer **~\$408 Million Over 5 years** to Deploy Electric Vehicle (EV) Charging

Statewide Infrastructure Deployment Plan Required

Provide at Least **1 Qualifying Station Every 50 Miles** Along Designated Corridors

**Be Within 1 Mile of Designated EV Corridor Exit**

**Include at Least 4 CCS-type DC Fast Charge Connectors, Minimum 150kW Power Output at all Times**

**Minimum Site Power Capacity 600 kW**

Restrict Funding to Designated EV Corridors until Demonstration that all Designated Highways are “Saturated” With Qualifying Stations



# Highlights of Draft Texas EV Infrastructure (TEVI) Plan



Enable Current and Future EV Drivers to Confidently Travel Across the State for Work, Recreation, and Exploration

Support 1 Million EVs Upon Build-Out

Draft Plan Posted at [https://txdot.mysocialpinpoint.com/tx\\_ev\\_plan](https://txdot.mysocialpinpoint.com/tx_ev_plan)

Year 1	Install DC Fast Chargers Along Alternative Fuel Corridors (Estimated 55 Stations Statewide; \$36.9M Federal)
Years 2-5	Work with Counties and Small Urban Areas to Install DC Fast Charge Sites In/Near County Seats (Estimated 190 Locations, \$121.6M Federal)  Work <b><u>with MPOs</u></b> to Identify Locations and Type of Sites (Estimated \$151.5M Federal)
Throughout	Collect Data





# NEVI Formula Funding Impacts to Region



**Proposed Allocation for NCTCOG  
MPO Area: ~\$65M**

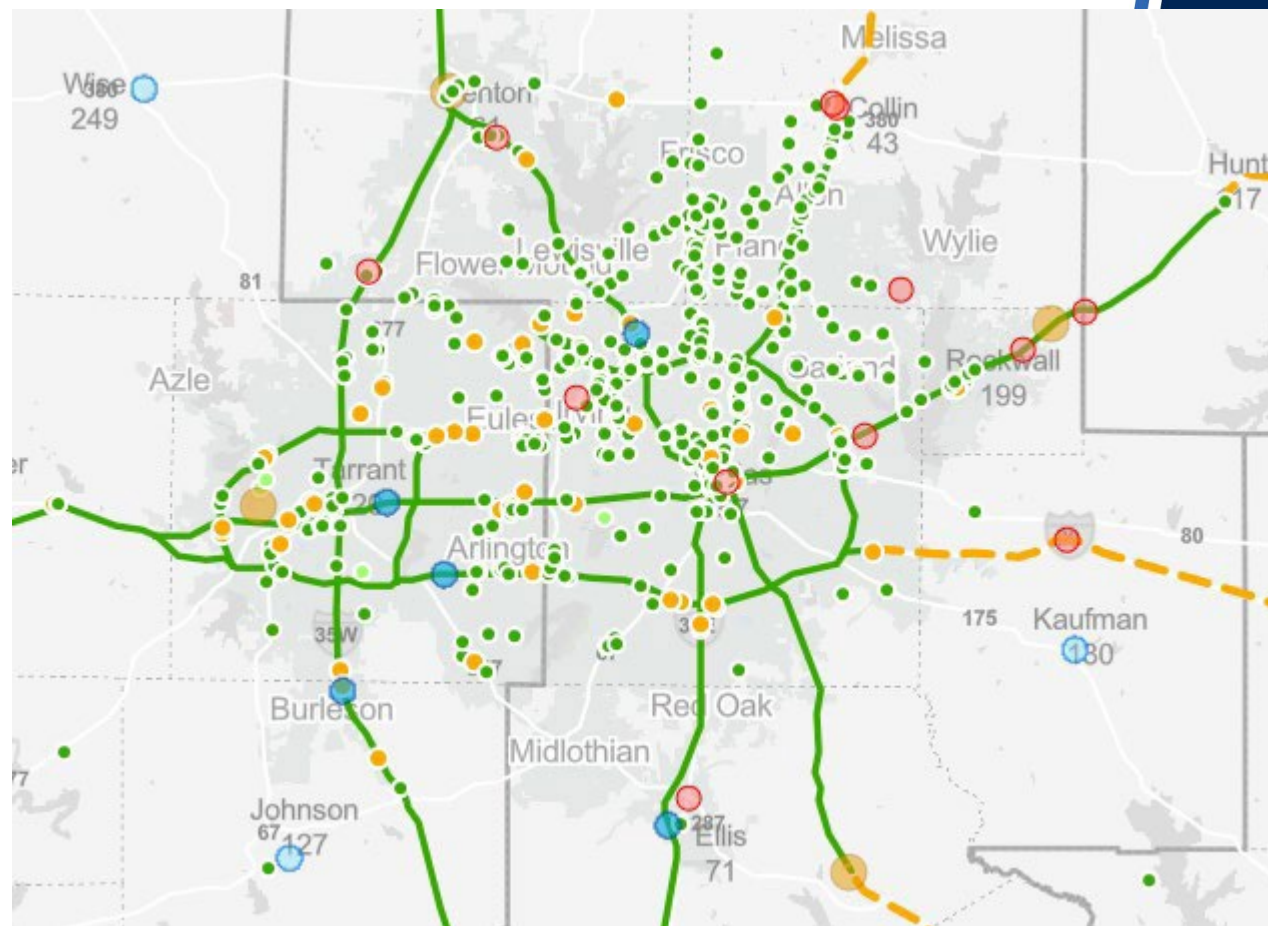
**MPO Role to Collaborate with TxDOT:**

Recommend Charger Types and  
General Locations

Draft Solicitation

Score Responses

Image Source: TxDOT Statewide Planning Map,  
[https://www.txdot.gov/apps/statewide\\_mapping/StatewidePlanningMap.htm](https://www.txdot.gov/apps/statewide_mapping/StatewidePlanningMap.htm)



Planned DC Fast Charge Stations



Alt Fuel Stations - Electric

EV Charging Type

Level 1

Level 2

DC Fast

DC Fast - Round 6 Potential

Alt Fuel Corridors

Corridor Ready

Corridor Pending

EV Station Study Areas



Study Area - County Seats



Study Area - Electric Alt Fuel  
Corridor





# Next steps for deployment of public EV charging stations?



- Internal EV charging infrastructure workgroup
- Prepare projects for upcoming grant opportunities
- Incorporate EV ready building codes
- Encourage investments from local businesses and new developments that install charging stations
- Work with regional coalition of stakeholders to leverage resources and build long-term strategies
- Coordinate with energy companies to minimize stress on power grid
- Prioritize charge points in environmental justice areas





# City Deployment of Electric Vehicle Charging Infrastructure for Public Use

**September 6, 2022**

National Drive Electric Week



Pharr Andrews,  
Senior Climate Coordinator,  
Office of Environmental Quality &  
Sustainability



# Memorandum



DATE June 8, 2022

CITY OF DALLAS

TO Honorable Chair and Members of the Environmental Commission

SUBJECT **Environmental Health Committee Recommendation on a Gas-Powered Landscape Equipment Policy**

As requested, this memorandum outlines the recommendation of the Environmental Health Committee regarding a policy on the use of gas-powered landscape equipment, including leaf blowers and other gas-powered machinery. After an evaluation of numerous medical studies and peer-reviewed articles, the Committee agrees that there is a correlation between gas-powered landscape equipment and negative health effects for vulnerable populations, equipment operators, and the community at large.

Health issues associated with gas-powered landscape equipment include cardiovascular disease, pulmonary disease, and hearing damage and loss. Studies from the American Speech and Hearing Association, Centers for Disease Control and Prevention, and the Environmental Protection Agency (EPA) acknowledge the negative health impacts.

A 2011 EPA study found that gas-powered landscape equipment emitted approximately 6.3 million tons of Volatile Organic Compounds (VOCs) and criteria pollutants, including carbon monoxide, nitrogen oxide, and Particulate Matter (PM10 and PM2.5).<sup>[1]</sup> Ground-level ozone (formed by VOCs and NOx in the presence of sunlight) and fine PM cause or contribute to early death, heart attack, stroke, congestive heart failure, asthma, chronic obstructive pulmonary disease, and cancer.<sup>[2-8]</sup> The Dallas-Fort Worth region consistently fails to meet regulatory limits on ozone pollution and exceeds the state and national rates for childhood asthma.<sup>[9]</sup> Dallas County leads the region for hospitalizations from childhood asthma, and respiratory issues are a leading cause of absenteeism among Dallas Independent School District students.

Therefore, the committee recommends that the Environmental Commission support a phased transition from gas-powered landscaping equipment to battery-operated or electric-hybrid equipment to reduce particulate matter and other pollutants that affect health and contribute to poor air quality.

For more information, suggested readings include:

- [National Emissions from Lawn and Garden Equipment](#)
- [Electric or Gas Leaf Blowers...Neither?](#)
- [Turning Over a New Leaf: Leaf Blowers and Lawn Mowers](#)

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- [Environmental Noise and the Cardiovascular System](#)
- [Using a low-cost monitor to assess the impact of leaf blowers on particle pollution during street cleaning](#)
- [Lawn and Garden Equipment Sound: A Comparison of Gas and Battery Electric Equipment](#)
- [Auditory and non-auditory effects of noise on health](#)

If you have any further questions, please do not hesitate to contact the Office of Environmental Quality and Sustainability or me.

Thank you for your time and consideration.

  
[Candace Thompson \(Jun 10, 2022 13:07 CDT\)](#)

Candace Thompson  
Chair, Environmental Health Committee  
City of Dallas Environmental Commission

c: Dr. Folashade Afolabi  
Dr. Sarah Ashitey  
Ms. Haddi Bayou  
Carlos Evans, Director OEQS  
Susan Alvarez, Assistant Director OEQS  
Erin Diehl, EVC Board Coordinator

**References:**

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<https://www.epa.gov/sites/default/files/2015-09/documents/banks.pdf>

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[4] Integrated Science Assessment for Particulate Matter- Final Report, US Environmental Protection Agency, December 2009, EPA/600/R-08/139F.

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[6] Integrated Science Assessment for Ozone and Related Photochemical Oxidants, US Environmental Protection Agency, 2013, EPA/600/R-10/076F.

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[9] Cook Children's (website). Asthma: Six-county profile. content from their regular Community-wide Children's Health Assessment and Planning Survey (CCHAPS).  
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