

# City of Dallas Comprehensive Environmental & Climate Action Plan (CECAP)

## Joint Stakeholder Workshop 4 Summary

December 6<sup>th</sup>, 2019.

### Attendees

#### Committee members

Paul Schulze – Hunt Consolidated	Robert Kent – Trust for Public Land
Corey Troiani – Texas Campaign for the Environment	Susie Marshall – Grow North Texas
Kevin Richardson - Texas Campaign for the Environment	Monika Knight – Oncor
Tamara Cook – NCTCOG	Gary Olp – GGO Architects
Jesse Nikkel – Southwest Airlines	Chris Walters – DART
Garrett Boone - Trinity River Conservancy	Victor Ibewuiké - DART
Eric Griffin – Dallas Regional Chamber	Matt Crommett – Lyda Hill Philanthropies
Roger Knudson – Climate Reality	Betsy del Monte – AIA
David Marquis- Earth X	Tracy Wallace – Green Careers Dallas
Cyndy Lutz – Builders of Hope	Shammara Norris – Asthma Chasers
Molly Rooke – 350 Dallas / Dallas Sierra Club	Amy King – Goodwork
Rita Beving – Public Citizen	Jeff Howard - Parkland
David Marquis – Earth X	Candace Thompson – BSW Health
Olinka Green – Joppa Freedman’s	Aaryaman Singhal – Groundwork Dallas
Israel Anderson	Janette Monear – Texas Trees Foundation
Dan Green	Rayna Handelman – Angstrom Energy
Mason Sheperd	Tricia Constandine – Re:Source
	Paul Westbrook – Re:Source
	Lori Lewis – DCCCD
	Randy Boys - Oncor

#### City of Dallas

<i>Office of Environmental Quality and Sustainability</i>	<i>Sanitation Services</i>	<i>Planning and Urban Design</i>
James McGuire	Amani Salen	Peer Chacko
Susan Alvarez	<i>Economic Development</i>	Lawrence Agu
Pharr Andrews	Heather Lepaska	Daniel Church
Brittany Hailey Wells	<i>Building Services Department</i>	Ted Helm
Kevin Overton	Elease Foster	<i>Public Works</i>
Nedra Richard-Morgan	<i>Office of Emergency Management</i>	Vincent Lewis
Judy Schmidt	Rhonda Simpson	<i>Transportation</i>
William Arcardia	<i>Other</i>	Kimberly Smith
Helen Dulac	Eric Kuhns	<i>Aviation</i>
Danielle McClelland	Daniel Huertz	Sana Drissi
Robert Curry	Liz Cedillo Pereira	<i>DWU</i>
		Sarah Standifer

#### Consultant Team

Claire Bonham-Carter - AECOM	Rami Issa - AECOM
Tatum Lau- AECOM	Revathi Veriah- AECOM
Joshua Lathan- AECOM	Emily Elson – AECOM
Michael Carleton – AZ&B	

## Overview

The purpose of this workshop was to:

- To provide a summary of Round 2 input.
- To receive feedback on the draft actions.
- Outline next steps for plan production.

## Agenda

12.00 – 12.30	Lunch + Network
12.30 – 12.45	Welcome
12.45 – 13.15	Community participation update, break out session task explanation and Q&A.
13.15 – 13.20	Transition to break out rooms
13.20 – 15.30	Sector action feedback (in break out groups)
15.30 – 15.45	Break + Transition back to Plenary room
15.45 – 16.20	Feedback from each sector
16.20 – 16.30	Wrap-up and next steps

## General Questions & Responses

- *With the State's culture of preemption, how can we mandate actions in order to achieve our greenhouse gas reduction targets?* (Answered by David Marquis - SAC member) This is an example of the interdependency of the legislature system at the local, state and federal levels. It is vital that we monitor and participate in the democratic process at all levels to elect officials who can lobby for this cause.
- *How was the greenhouse gas reduction forecast calculated?* The reduction forecast was calculated through CURB software for the draft actions. Assumptions were made regarding the adoption of different policies proposed. These assumptions were developed with the help of City staff and subject matter experts to reflect a realistic future scenario for Dallas. All assumptions are listed in Appendix A – Actions Evaluation Matrix (far right-hand side).
- Some SAC members expressed interest in understanding the calculations for the greenhouse gas reduction forecast calculations.
- *The prioritization framework lists several priorities and co-benefits, but I think greenhouse gas reduction should be the most important priority. Is there a way to prioritize actions with most greenhouse gas reduction impact over others?* The framework right now only presents the attributes of all draft actions. It has not yet been used to prioritize actions. We can consider adding a weighting system for the scores so that greenhouse gas reduction potential is prioritized over other attributes.

## Next steps

### Project team

- Susan Alvarez gauged interest in hosting an additional workshop for SAC members to discuss actions. Several members expressed their interest in participating. Susan will follow up.
- A draft of the plan will be available for review in early February. Comments will be incorporated, and a revised document will be made available end of March. The plan is scheduled to be adopted by City council on Earth day, April 22<sup>nd</sup>, 2020.

### EPTF and SAC Committee

- Additional feedback on draft actions, goals or targets can be sent to [susan.alvarez@dallascityhall.com](mailto:susan.alvarez@dallascityhall.com) or [pharr.andrews@dallascityhall.com](mailto:pharr.andrews@dallascityhall.com) by December 24<sup>th</sup>, 2019.

## Summary of Feedback from each sector

The following section summarizes the discussions from each breakout group. Discussions are summarized under 1) Suggested actions 2) Suggested modifications 3) Actions removed 4) Feedback on targets and goals and 4) General comments. Responses are provided in *green*

### Dallas' buildings are energy-efficient and climate resilient.

#### *Suggested actions*

- Get residential PACE option approved in legislature *Aligns with action B4 Implement a citywide building weatherization program through partnership with community organizations and will be incorporated.*
- Comprehensively update City Zoning Code. *Zoning changes are currently being addressed in the update to Forward Dallas, as Dallas' Comprehensive plan.*

#### *Suggested Ideas related to other sectors*

- Large solar or green roof installations on City buildings
  - City Convention center is 24 acres of land that could be turned into solar hub. *This is covered in action E4 'Invest in programs through local community colleges, nonprofits and other workforce development organizations to train and establish a local workforce that is focused on renewable energy technologies'.*
- City Hall could have a green roof. *A feasibility study already undertaken concluded the structure was not equipped to handle the additional weight of a green roof. We will explore other nature-based solutions for City buildings in the CBD.*
- Tree mitigation fund to plant trees *The City has an existing reforestation fund program for trees that are felled during construction but cannot force people to pay into a fund when trees on private property are felled.*

#### *Suggested modifications*

- **B3** *Develop clear and comprehensive educational program for building owners and tenants that shares information about existing energy efficiency programs, including financing, rebates, and incentives:* Revise language to focus on developing a robust marketing campaign that leverages existing information/resources on funding and financing options from various other organizations (e.g., USGBC Texas, AIA), rather than making it sound like the City will duplicate efforts by developing these existing resources on its own. Include Planning and Urban Design as an implementation partner for actions B3 and B4. *As written, the action statement and description highlight existing resources. Suggested partners will be added.*
- **B6** *Establish a building electrification program (for existing buildings) to replace appliances and systems with electric options:* Address the biggest natural gas users (it's easier to address 15 commercial buildings than 10,000 homes). *Action description will be revised to include taking a phased approach by providing incentives and information for large gas consumers to switch to electric.*
- **B7** *Increase participation of the Dallas Green Business Certification program:* Need to expand scope of this program and advertise much more aggressively since many folks do not know it exists; program could be incentivized with publicity/media campaign for top scoring green business each year (e.g., billboard, post on city website). *Action statement will be revised to read: "Increase participation and scope of the Green Building Program..."*

- **B9** *Establish a point-of-sale/point-of-lease home energy rating and disclosure educational program for single-family buildings:* Concern (from 1 individual) that scoring homes becomes a penalty because home appraisers don't consider those scores in their work, and poorer neighborhoods that can't upgrade efficiency get penalized if this information is widely shared. 11/12 in group were in support of this action; poorer neighborhoods will already be penalized from inaction on climate change. *Action description will be revised to include support and subsidies to lower income communities.*
- **B10** *Implement a benchmarking and disclosure ordinance for commercial buildings exceeding XXXX gross square feet.* Set an efficiency threshold (kbtu/sqft) and if a building exceeds the limit, they pay a fee that is used to fund low-income home efficiency upgrades. *As written, this action does not preclude this suggestion.*
- **B11** *Update the building code to require pre-wiring for solar photovoltaics and electric vehicle charging infrastructure in new construction:* Change language to say "Require wiring conduit for solar PV and EV..." *Team will follow up on the appropriate technical language to require buildings to be solar ready*
- **B12** *Evaluate and consider a Zero Net Energy (ZNE) code for all new buildings and substantial renovations by 2030:* Develop a carrot and stick program (e.g. in new TOD areas, offer a development bonus but require ZNE construction). *Action description will be revised to include development incentives.*
- **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:* Find ways that pervious pavement is the default for public projects. Add implementation partner Sustainable Development and Construction. *Suggested partner will be added.*
- **B14** *Promote passive building design (e.g., orientation, shading devices) through the City's zoning ordinance and design standards:* Need mechanism to overlay requirements on top of everything, but will be hard given City's use of Planned Development approach (they have over 70 PDs). *This suggestion can be embedded into concurrent planning efforts including the Comprehensive Plan Update.*

#### Actions removed

- None

#### Feedback on draft goals, objectives, and targets

- Did not discuss

#### General comments

- Lots of discussion around equity in action implementation to avoid "redlining" lower income neighborhoods (e.g., if they have lower energy efficiency ratings as a result of a point-of-sale program), and to avoid instances of landlords passing new regulatory costs onto tenants.

### **Dallas generates and uses renewable, reliable, and affordable energy.**

#### Suggested actions

- Community renewables – on site generation. Develop an internal department to manage some of the regulatory burden. *This suggestion is already part of action E2 'Evaluate the potential for the City to make investments in energy storage technologies for both resilience and renewable energy development purposes'.*

- Create a municipal utility using 100% renewables. *At this time, the City is not currently considering creating a municipal utility for regulatory and economic reasons.*
- Modify zoning codes / Add ordinance to allow solar where there is high solar potential. *The CECAP currently has actions that encourage and incentivize the use of renewable energy options. A regulatory component is not being proposed in this initial draft. Zoning modifications will be handled as a part of the update to Dallas' Comprehensive Plan.*
- Minimize City investment in dirty energy. *The City of Dallas is currently on 100% green energy.*
- Maximize the transition towards electrification of home appliances. *This suggestion is covered by action B6 'Establish a building electrification program (for existing buildings) to replace appliances and systems with electric options'.*

#### *Suggested modifications*

- **E5** *Build a regional strategic partnership to promote adoption of renewable energy. Aim for regional renewable energy purchasing - add NCTCOG as a partner. Suggested partner will be added.*
- **E6** *Establish and invest in renewable energy districts through partnerships with the private sector. Need to reword 'districts' to 'hub' or 'projects'. Identify opportunities for microgrids and ensure investments are equitable. Suggested wording will be incorporated. We will also consider combining this action with B15 'Evaluate potential city-owned properties for the creation of 'resilience hubs'.*

#### *Actions removed*

- None

#### *Feedback on draft goals, objectives, and targets*

- Suggestion to add "or wind power" to draft target – *Mh of solar power installed within city boundaries. Suggested revision will be incorporated.*
- Additional suggested targets - % reduction in energy use; % reduction in natural gas. *Suggested targets will be incorporated.*

#### *General Comments*

- **E1** *Maintain a high degree of reliability in the electric delivery grid through cooperative actions between the City and Oncor. Increasing demand might be more effective than lobbying. There are costs associated with reliability and this will require investor partnerships.*
- **E3** *Continue partnership with Oncor and other Public Utility Companies on an intensive education program on how to implement renewable energy projects, on available incentive programs for implementing these measures and how to purchase renewable energy from the retail market. Will require more incentives.*
- City has no control over the market, except to potentially encourage residents and businesses to look for renewable portfolios at the retail level. Lobby public utility companies to update 'Power to choose' website to provide a better explanation of plans, clear information and use transparent language.
- An assessment is needed to set reduction targets for the consumption-based inventory for embodied energy use.
- There was agreement on the education issues but a sense that energy conservation was not amplified enough. *Energy conservation is covered in both the energy and building sectors. We will provide an explanation of the rationale for this approach in the CECAP report.*
- Explore options for increasing renewable energy storage capacity
- One of the major factors in making renewables difficult is low cost of energy in Texas. This was also identified as a potential issue in selling the plan – the fact that ideas will likely increase rates.

- Rework prioritization framework. *We will revisit energy actions to add benefits that could increase their score.*

## **Dallas' communities have access to carbon-free, affordable, transportation options.**

### *Suggested actions*

- Free or reduced transit fares for low income folks. Noted that new reduced fares becoming available in January 2020. *The Plan will highlight these new fares.*
- Congestion pricing. *Congestion pricing in North Texas is currently being implemented by Tolling authorities and monitored by the State.*
- Direct connection from DART to the Love Field Terminal. *Love Field has undertaken a feasibility study and found it unfeasible. DART is looking at opportunities for more efficient bus routing to improve access to love field using Public Transportation.*

### *Suggested modifications*

- **T3** Create an incentive/fee program in which shared mobility services (Lyft, Uber, etc.) can increase their fleet size and operating footprint if their fleets are increasingly electrified: Remove action or clarify that this action won't penalize drivers; and is not incentive based, and it is confirmed this is a sizeable part of the fleet. *This action should not penalize drivers and detail will be added to explain. This is also an opportunity to begin the conversation to influence fleets as they grow in the future.*
- **T7** Secure resources to implement the existing bicycle network masterplan: focus implementation in low income neighborhoods and include safety measures. *The action description will include text specifying that areas with the most need will be a criterion in the prioritization process for infrastructure delivery.*
- **T8** Fully implement city policy of micro mobility services (scooters, bikes, etc.) to ensure equitable distribution around the City: Joppa Freedman thought that infrastructure in low income neighborhoods is not adequate, there we should focus on the basics before introducing things like e-scooters. Dislike for scooters generally. *Equity refers to all areas of the City that have last mile challenges. City council identified the lack of access to micro-mobility in low income neighborhoods as an issue to address. We can add detail to the action description for clarification and revise the action to 'Evaluate infrastructure to enable city policy on micro mobility services to be distributed equitably'.*
- **T10** Adopt a target corridor, district, or city-wide mode split goals to help reinforce policies aimed at reducing single-occupancy vehicle use: action needs clarifying, and linking to T11 and T12. *Detail will be added to the action description, and the land use-transportation nexus will be more clearly spelled out. Additionally, mode split goals will be tied to best practices that relate to GHG reductions targets.*
- **T12** Expand upon the DART Transit Oriented Development guidelines to collaborate on a new proactive TOD and housing strategy with DART: include Texas Central Rail and COG. Partner with developers; include mixed income units to improve affordability for those who wish to take transit. *Suggested partners will be added.*
- **T14** Adopt a revised parking ordinance strategy that supports new mode split goals and land use strategy that minimizes available parking in transit-oriented districts. Need to make sure this works with funding approvals / needs; work with planning and engage developers. *Great comments, will be incorporated during implementation.*

#### Actions removed

- None

#### Feedback on draft goals, objectives and targets

- Bus fleet should transition to all electric faster than by 2030
- More EV charging stations. 300 is much too low. 9000 suggested. *Target will be revised to per capita or a percentage, based on supporting data/literature.*

#### General Comments

- **T13** Work with DART to roll out a sustainable transport “Mobility Hub” infrastructure program: include improving pedestrian infrastructure as part of this. Think carefully about equity when choosing locations. Seek investment from e.g. Uber, Lyft. Link with MAAS action.
- Need to work with planning on mode split goals, and how to articulate TOD strategies, and how that relates to the comp plan and the mode split goals. Peer should be part of the conversation.
- Should highlight in introduction to this section the existing complete streets guidance and sustainable drainage policies; and new housing policy supporting mixed income housing.
- Need to align targets with assumptions used in CURB

#### **Dallas is a zero-waste community.**

##### Suggested actions

- *‘Incentivize the reduction in single use plastic items’* under draft objective 1. If the City cannot ban single use plastic items, it should explore which products it can regulate. *This suggestion aligns with SW1 and will be incorporated.*

##### Suggested modifications

- **SW1** *Actively promote source reduction, recycling and composting to Dallas communities:* Add ‘businesses’ to action statement. Add items from ‘Community suggestions including modify pay structure for trash collection; advocate for alternatives to plastic bags and packaging; modify bin sizes; expand number of water bottle refill stations in public spaces; incentivize refilling stations at grocery stores; provide incentives for recycling into this action’s description. *The term ‘communities’ is inclusive of residents, businesses, and others, and we don’t want to limit any groups’ participation. This definition will be clarified in the introduction.*
- **SW3** *Explore potential for electric waste collection trucks.* Replace ‘waste collection’ with ‘garbage’. *The fleet consists of multiple collection vehicles for garbage, recycling, etc. The suggestion limits the action’s impact.*
- **SW4** *Update and implement a Zero Waste Management Plan.* Suggestion to reword action statement to include language that specifies universal recycling. This action should mandate commercial recycling and construction sites to be zero waste (rather than incentivize). *Universal recycling is one of four primary areas the action covers and highlighting one in the statement would be limiting. Additionally, the CECAP should guide and support, but not supersede the planning process for the Zero Waste plan. The action description will be modified to describe a phased approach, beginning with incentives that move towards mandates.*
- **SW6** *Encourage the development of material markets – focusing on economic development:* Replace ‘economic’ with ‘business’. *This is a broad issue that includes land development, and partnerships across industries and businesses. Using the term ‘business’ would be limiting.*
- **SW8** *Adopt an ordinance to implement a city-wide organics management program:* Cross list with objective 5 in Urban Agriculture to highlight the actions impact. Add pilot project at

McCommas. *Action will be cross listed. Multiple city owned sites are under consideration including McCommas, therefore it would be too soon to identify it as a pilot.*

#### Actions removed

- None

#### Feedback on draft goals, objectives, and targets

- Add 'with a circular economy' to the goal to "Dallas is a zero-waste community". *The circular economy principle is specific to some of the actions, but not all of them, and should not be the overarching goal*
- Stakeholders recognized the rationale for the 3 draft objectives (as they relate to CECAP goals) but thought that they aren't organized to speak to the principles of zero waste, which is the goal. For example, waste reduction and diversion are more important than generating energy (objective 3). Suggestion to include an objective that state waste reduction goals. *Agreed. We have revised objective 1 to 'Create opportunities to go beyond recycling and choose to refuse, reduce, reuse and repair'. The term 'Single use products' will be incorporated into the action (SW1).*
- Objective 1: "Minimize single use products and go beyond recycling by enabling communities to refuse, reduce, reuse and repair". Add 'and businesses' to objective. *See revision under previous bullet.*
- Reduction in tons is not useful – instead use "divert x% from landfill". Suggestion to remove target "Reduction in tonnes landfilled from City of Dallas". *Divert % from landfill is difficult to measure, and 'Reduction in tons' is the metric currently being used.*

#### General Comments

- Suggestion to add the track greenhouse gas emissions through their entire life cycle using a consumption-based inventory. The proposed implementation action should be added to the summary table. *This suggestion will be incorporated.*

### **Dallas protects its water resources and its communities from flooding and drought.**

#### Suggested actions

- Evaluate pay structure for high end water consumers
  - Higher pay for high-end water users may incentivize decrease in water consumption. However, there is no penalty in Texas for operating a borewell on private property. Users may then stop purchasing water and start pumping out water for their operation needs. This has other implications for the environment. *This is a current initiative, and water pricing is evaluated every 5 years*
- Regulations for large rental properties to increase water efficiency. Stakeholders recognized that this action may have inequitable impacts as the cost of upgrades may increase rents. *We can provide incentives for apartments as part of WR1.*
- Track CECAP progress - convene a City led advocacy group that evaluates policies to identify implementation pathways and monitors the progress of the plan. *CECAP monitoring and evaluation has already begun through the formation of council committee who meet monthly to receive updates on CECAP progress. Monitoring is a crucial part of the planning process and more information will be provided on how to follow the plan's progress in the draft plan.*
- Identify and assess environmental justice issues within the City of Dallas (such as brownfield sites) and identify ways to remedy the situation and protect the community - link this with other relevant

actions across the plan including ones that address lack of greenspace, food deserts, poor air quality etc. *Environmental Justice issues are addressed across the plan and the plan will have a section describing the approach.*

- Highlight action SW5 Expand efforts to reduce illegal dumping by implementing recommendations identified in the Litter and Illegal Dumping Assessment Study (2018). In the water section. Plastic bags, floatables, and other litter impairs the quality of waterbodies. *Suggestion will be incorporated.*

#### *Suggested modifications*

**WR2** Continue investment in leak detection programs to reduce overall water loss through the conveyance systems: Add '..and expand leak detection...'. *Suggested revision will be incorporated.*

**WR3** Evaluate potential opportunities and financial feasibility for reusing water for non-drinking purposes: In the description add evaluate the potential to reuse water from hydrant flushing for irrigation purpose. *Suggested revision will be incorporated.*

**WR4** Encourage businesses and residents to plant drought-tolerant and native vegetation or xeriscape to reduce irrigation water use: Mandates are unlikely to be successful for existing businesses and large developments. A phased approach can take the following form: Ph1 Transition through incentives and education programs. Ph2 Require properties with landscape area above a certain square footage to transition to a native and drought tolerate plant palette. *Suggested revision will be incorporated.*

**WR5** Continue to monitor, protect and implement water quality improvement projects in the watershed: Revise language to include 'implement water quality improvement projects' to emphasize implementation of improvements in addition to monitoring water quality. *Suggested revision will be incorporated.*

**WR7** Use FEMA Community Rating System to educate and protect communities from flooding: Revised wording to highlight the FEMA community rating system as a tool for flood protection and education since people may not be aware of the program. *Suggested revision will be incorporated.*

**WR9** Initiate a comprehensive masterplan of Storm Drainage System. Change 'masterplan' to 'assessment' - a masterplan is different from an assessment. An assessment is required as a first step. *Action will be revised to "Initiate a comprehensive Storm Drainage System assessment and planning process".*

**WR 10** Evaluate development of policies affecting drainage and erosion to ensure sustainable development and mitigate its adverse impacts: Revise and remove 'development of' before policies. *Suggested revision will be incorporated.*

**WR13:** Evaluate new technology to lower nutrient releases into Trinity Watershed from wastewater treatment plants and increase nutrient recovery. Add 'and incorporate them' at the end of the statement. Potential technologies are continuously reviewed, the action needs to add more emphasis on its implementation and adoption. *Action will be revised to "Evaluate new technologies to lower nutrient releases into the Trinity Watershed from wastewater treatment plants and incorporate as appropriate".*

#### *Actions removed*

- None

#### *Feedback on targets and goals*

- Add 'Number of impaired water bodies delisted in the watershed' *Suggested target will be incorporated.*

- Modify 'Number of homes in the floodplain' to 'Number of structures in the floodplain' *Suggested revision will be incorporated.*
- Add % reduction of energy usage in treatment facilities by 2030. Carbon neutral operation by 2050. *Suggested target will be incorporated.*
- Replace 'Number of people/businesses affected by a 100- year storm' with 'Number of insurance claims made due to storm damage'. *We will evaluate whether data can be collected from insurance agencies.*
- Current DWU target is '1% reduction in per capita water consumption every year.' Evaluate if CECAP needs to set an even more aggressive reduction target. *Suggestion will be incorporated and be reported in the preferred unit (gallons per capita).*

#### Other considerations

- Emphasis needs to be placed on a regional approach to landscape management. Where appropriate, encourage a regional approach in action description.
- Several actions in the water section are already ongoing. There is value in showcasing these through the CECAP as it unifies and showcases various ongoing efforts by DWU. However, it was suggested that in the prioritization framework, less weight is given to ongoing actions when compared to new actions. *On-going actions in the CECAP are typically modified or ensure funding for an existing program is continued. Actions are weighted based on their potential to deliver the goals and benefits of the CECAP. Actions that are most likely to move the needle towards the plan's targets should be prioritized.*
- Reference appropriate plans and ordinances (e.g. Article X Landscape Ordinance) that are relevant in the action descriptions. *Suggestion will be incorporated.*

### **Dallas protects and enhances its ecosystems and green spaces that in turn improve public health.**

#### Suggested actions

- *Initiate a greenspace masterplan to assess both public and private greenspaces.*
  - Strategize a comprehensive approach to form public-private partnerships with large land owners such as universities, DART, Oncor, Dallas County to increase access and enhance these. Conduct an inventory of open spaces to assess partnerships to swap or acquire lands to increase greenspaces, particularly in vulnerable communities. *Greenspaces are currently addressed in the Smart Cities Decision™ tool, the Urban Forest Masterplan, and the update to Forward Dallas, the Dallas Comprehensive Plan.*
- *Update the Great Trinity Forest Management Plan and implement its recommendations.* The current plan is out of date and does not take the changing climate into consideration. For example, more frequent flooding of the Trinity river impacts the forest health. *This suggestion aligns with action EG2. This can be added into the description.*

#### Suggested modifications

- **EG3** *Increase tree canopy in both private and public realm through implementation of the Urban Forest Masterplan:* Emphasize implementation of recommendations. Move language from EG6 and EG9 under EG3 as these are likely to be recommended by the plan. *Revise action to 'Increase tree canopy in both private and public realm to complete implementation of recommendations from the Urban Forest Masterplan'.*
- **EG4** *Continue ongoing programs to collaborate with community organizations to promote tree planting efforts and drought tolerant landscapes:* Add protection of trees, particularly mature trees and Texas Blackland prairies. Protection of existing trees was a concern identified in round 2 public engagement. *Revised to 'Continue ongoing programs to collaborate with community*

*organizations to promote tree planting efforts, protection of trees and prairies, and drought tolerant landscapes’.*

- **EG5** *Update City Park operations and maintenance procedures to include comprehensive ecofriendly and sustainable practices:* Replace ‘sustainable practices’ with ‘best management practices’ to be more specific. It was recommended that International Society of Arboriculture (ISA) certified tree maintenance be added in the description. *Suggestion will be incorporated.*
- **EG6** *Partner with local universities, schools and NGOs and launch projects for citizens to help inventory urban trees and* **EG7** *Develop a City Forest Carbon Credits program to quantify and monetize sequestered carbon in urban trees:* Remove actions since they are part of the Urban Forest Master Plan. *There is no guarantee that specific actions within the UFMP will be included when it is adopted and is therefore important to include. It currently does not conflict with the plan.*
- **EG8** *Improve the quality of urban ecosystems in Dallas through appropriate design, creation and planting of urban habitats:* Replace ‘appropriate’ with ‘sustainable’. A comprehensive assessment is required to identify potential wildlife corridors. *Suggestion will be incorporated.*
- **EG9** *Support nonprofits addressing public health challenges using nature-based solutions with grant writing support and providing creative financing options:* Assistance for grant writing is too specific. Need a broader action to support all forms of partnerships. Description to highlight successful partnerships such as Southwestern Medical District urban projects. *Revise action statement to be ‘Support public and private partnerships using nature-based solutions to address public health challenges’.*

#### *Actions removed*

- None

#### *Feedback on draft goals, objectives, and targets*

- Daniel Huerta, from the Department of Parks and Recreation will provide relevant targets from National Recreation and Park Association (NRPA) that can be considered for CECAP and aligns with the department’s targets.
- Coordinate with Texas Trees Foundation and the Urban Forest Masterplan to align targets in both plans.
- Reference Texas Trees Foundation’s 2017 ‘Urban Heat Island Management Study’ for targets on urban heat island reduction.
- Reference maps developed by Smart Growth Dallas to set targets for population with walkable access to a park.

#### *General Comments*

- Reference appropriate plans and ordinances (e.g. Article X Landscape Ordinance) that are relevant in the action descriptions.
- Avoid the word ‘citizen’ as the term is not inclusive of all community members. Use residents and businesses instead.

### **All Dallas’ communities have access to healthy, local food.**

#### *Suggested actions*

- None

#### *Suggested modifications*

- **FA1** *Increase access to information on the community health and environmental benefits of local food, good nutrition, sustainable farming and urban agriculture.* Add non profits, Texas A&M

Agrilife and other organizations who can provide support as partners, timeline might be too short. *Suggestions will be incorporated.*

- **FA2** *Create a Food Policy Council.* Use the term ‘food systems’ stakeholders’ in the description to include a wider range of stakeholders. The food policy council should look at all aspects of food including production, distribution and supply chains. Add neighboring municipalities and educational institutions as partners. *Suggestions will be incorporated.*
- **FA3** *Develop a comprehensive food and urban agriculture plan and develop programs and policies to build on the CECAP actions related to food security, food access, strengthening the local food economy.* Revise action name to specify a ‘Dallas comprehensive...’ and move details ‘and develop programs and policies...’ to description to simplify. Identify incentives to support agriculture that provides carbon sequestration benefits. Suggested additional metrics – Number of partnerships formed, Number of policies created. *Suggestions will be incorporated, with the exception of number of policies created as it is not a useful metric.*
- **FA4** *Facilitate partnerships between schools, nonprofits and local churches to develop neighborhood-based growing initiatives and kitchen gardens in schools, churches and available city properties in neighborhoods with low food access.* In the description, master gardeners should be replaced with “neighborhood based growing initiatives”. Add Grow North Texas as a partner. *Suggestions will be incorporated*
- Suggestion to combine actions **FA6** *Partner with other organizations to provide on-demand shuttle service to healthy food retailers for low income residents in neighborhoods with low food access* and **FA7** *Partner with supermarkets, food retailers and other supporting organizations to bring mobile grocery stores to neighborhoods with low food access.* Needs to be less specific - look at transportation logistics of moving food in creative ways, affordability is a major component of this. Suggested partners include food retailers/providers and community organizations. *FA6 can be broadened to include a range of solutions that get residents to food, These actions will require different solutions / outcomes, led by different implementation leads and will therefore need to remain separate.*
- **FA8** *Support the creation of food related green jobs in production, processing, storage, distribution, and waste management.* This action will need buy-in from council, this seems aspirational. May not have staff/availability but may be a long-term action. Green jobs needs a definition. Suggested partners include Grow North Texas, Economic Development. *Suggestions will be incorporated. Will also identify further partners as part of the action.*
- **FA9** *Establish a local food procurement plan to make local food available in community centers, parks, DART stations, and other City-run facilities:* Revise wording to ‘Establish a local food procurement plan to encourage local food purchasing at city-sponsored events’. There may not be enough locally grown food now and would require the market to drive some of these opportunities. The City can lead, and work with others to influence food procurement. *Suggestions will be incorporated.*
- **FA11** *Increase food security by supporting stakeholders in the food supply chain to plan for changing weather and extreme events:* Replace ‘food supply chain’ with ‘food systems’. The action description should include strategies related to food production and distribution. Suggested partners include Grow North Texas, Texas AgriLife, Urban Farms, all partners involved in food production. *Suggestions will be incorporated.*

- **FA13** Collaborate with NGOs who are working to divert surplus food to reach communities in need. Replace NGOs with 'organizations' to be less limiting. *Suggestion will be incorporated.*

#### Actions removed

- None

#### Feedback on draft goals, objectives, and targets

- Revise goal to "All Dallas' communities have access to affordable, sustainably grown, food'. *Goal modified to 'All Dallas' communities have access to healthy, local, sustainably grown food'*
- It will be challenging to provide walkable access. Suggestion to revise target to X% of the population with access to healthy, affordable food. *Walkable access is not a best practice. We will use a distance indicator*
- Acres or Lbs is not a useful indicator – suggestion to use Number/percentage of restaurants (or other institutional partners) sourcing from local producers.
- Suggested new targets – Number of farm stands or markets. *Will remove lbs as indicator and include Number of restaurants, farm stands, or markets sourcing from local producers.*

#### General Comments

- More discussion needs to be had on feasibility of actions, and how this influences what goes in the plan. *Actions needed to be high level and direct implementation at this stage (not limit it).*
- Unless partners have confirmed interest/involvement – change to 'potential partners'. *Suggestion will be incorporated.*
- Subsidies could be in the form of property tax breaks. *We will consider scope of incentives during the implementation phase of the plan*
- Provide definitions for green jobs, community food security, local food and food deserts.
- We should highlight the potential role of agriculture to play a role in carbon sequestration and providing environmental benefits.
- Ensure that the overlap between food, sustainable practices, urban ecosystems are highlighted.

#### **All Dallas' communities breathe clean air.**

##### Suggested actions

- Partner with (?) to provide free health clinics every 4-6 months in areas with poor Air Quality. (Suggestion that polluting industries are partners to help finance the clinics /fund treatment). *There are existing organizations working on this e.g. UT Southwestern is opening a center near Red Bird Mall, which is in the heart of neighborhood suffering from asthma. We can partner with Dallas County and incorporate this into AQ1*

##### Suggested modifications

- **AQ2** Put more monitors out in neighborhoods (that don't have to comply with TCEQ regulations) to get more air quality monitors in neighborhoods: Create school air program like the 'stream team'. *NCTCOG and UT Dallas have recently begun working on this initiative, and an update on its progress will be incorporated into the description. Location selection for neighborhood based non-regulatory air monitors will be conducted in coordination with stakeholders and concerns will be addressed at that time.*

#### Actions removed

- None

*Feedback on draft goals, objectives, and targets*

- None