

# FOOD FOR ALL BROWARD

*A Commitment to Increasing Access to Healthy Foods*

## Food Access Solutions to Climate Change Concerns

Broward County Climate Change Task Force Meeting

**Wednesday February 24, 2021**






# Welcome & Introductions



- Facilitators:

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# Agenda & Objectives

## Food Access Solutions to Climate Change Concerns

Time	Objective
<b>1:30 pm</b>	Identify Food for All Broward as a Leader in Coordinating Food Access Solutions Locally
<b>1:35 pm</b>	Recognize the Issues and Connections between Food Access and Climate Change
<b>1:40 pm</b>	Envision Food Access Policy, Systems and Environmental Change Strategies and Solutions to Climate Change Concerns for Broward County
<b>1:45 pm</b>	Q & A



# Coordinating Food Access Solutions Locally: Food for All Broward



For more information on Food for All Broward, or to stay connected, please visit: [urbanhp.org/food-for-all-broward](http://urbanhp.org/food-for-all-broward)



# Urban Health Partnerships

- Our mission is to invest in our communities by co-designing sustainable change and promoting equity and well-being across the lifespan.





# Food for All Broward



Support municipalities with the creation and implementation of policy and systems changes for healthier food access.



Research, develop and archive food access support tools, including policy, systems, and environmental change strategy proposals and recommendations



Engage partners in sharing ideas, collaboration, and building sustainability for these and all related efforts (e.g., environment, climate, livability, etc.)



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# Food for All Broward Framework



## Interactive Convenings

Share data, discuss goals and challenges, and inform progress for food access improvements

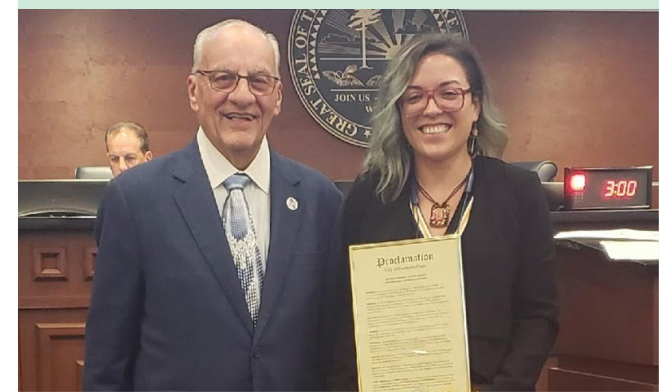
*Bringing local governments, organizations, businesses and other stakeholders together to combat food insecurity collectively*



## Technical Assistance & Monitoring Support

Co-design, implement, and evaluate strategies to improve healthy food access

*Building municipal and community capacity to address and assess food insecurity through policy, systems and environmental changes*



## Municipal Commitments

Build political awareness, mayoral leadership, and actions

*Encouraging municipal champions to promote policies, programs and services that expand access to healthy foods*

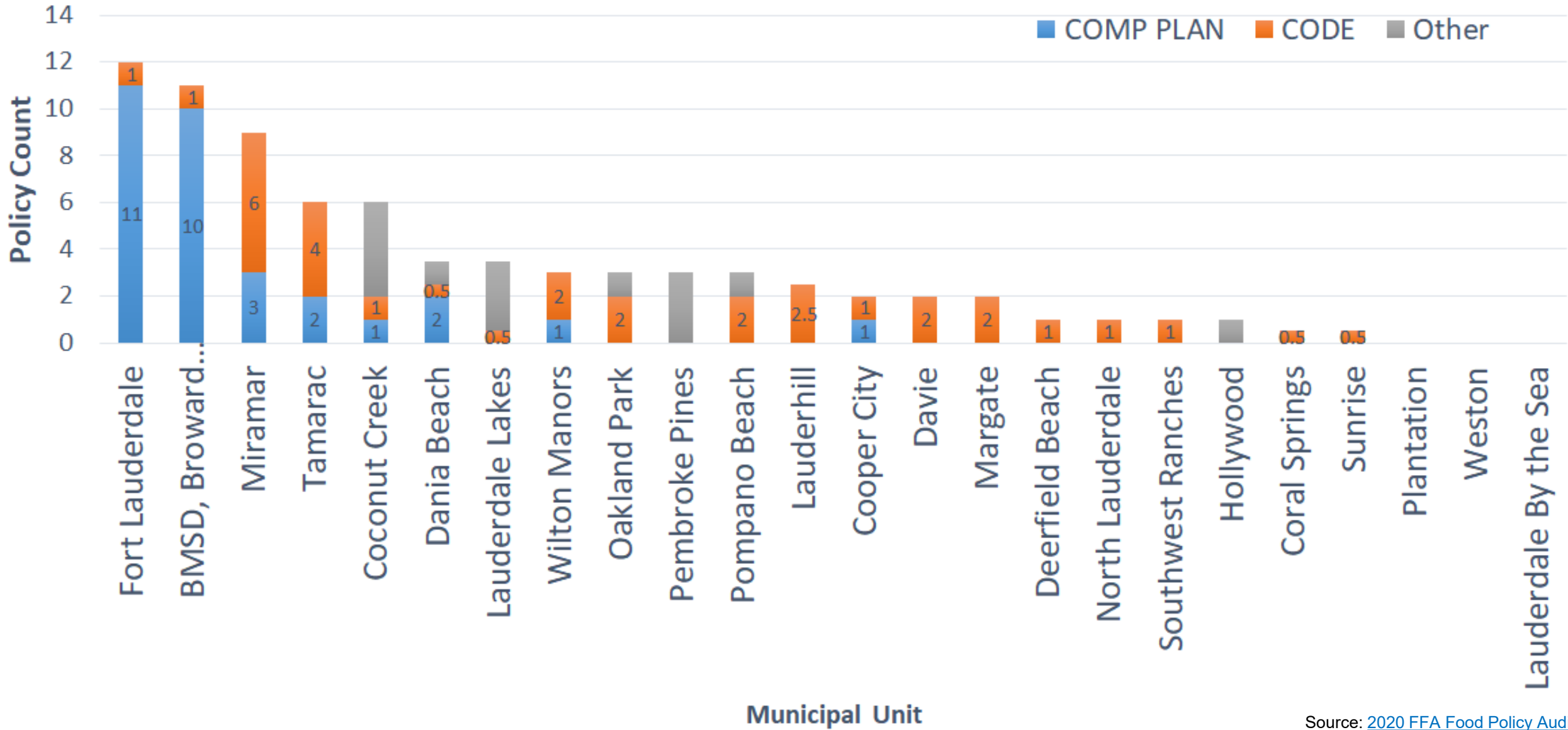


# What Makes Food for All Broward Effective?

1. Consistent, face-to-face (or virtual), one-on-one interactions from food access experts that provide technical assistance and support are key
2. Municipal staff and leaders' commitment to integrating food policy and systems changes into their planning and decision-making
3. Food for All Broward's food policy research, documentation, monitoring, and evidence-based examples and recommendations of localized food access policy and systems solutions.
4. The Food for All Broward process--coordination, technical assistance, capacity building, support, and a localized collective approach--which helps diminish challenges around food policy/systems change and codesign effective solutions.



# Policy Count by Policy Document Type



Source: [2020 FFA Food Policy Audit](#)

Jurisdiction	Food System Activity					
	Growing	Processing, Cooking	Storage, Distribution	Getting, Marketing	Nutritional Health	Waste Renewal
Fort Lauderdale						
BMSD, Broward County						
Miramar						
Tamarac						
Coconut Creek						
Dania Beach						
Lauderdale Lakes						
Wilton Manors						
Oakland Park						
Pembroke Pines						
Pompano Beach						
Lauderhill						
Cooper City						
Davie						
Margate						
Deerfield Beach						
North Lauderdale						
Southwest Ranches						
Hollywood						
Coral Springs						
Sunrise						
Plantation						
Weston						
Lauderdale By the Sea						
Hallandale Beach						
Pembroke Park						

Source: [2020 FFA Food Policy Audit](#)



# Food Access and Climate Change: The Issues and Connections



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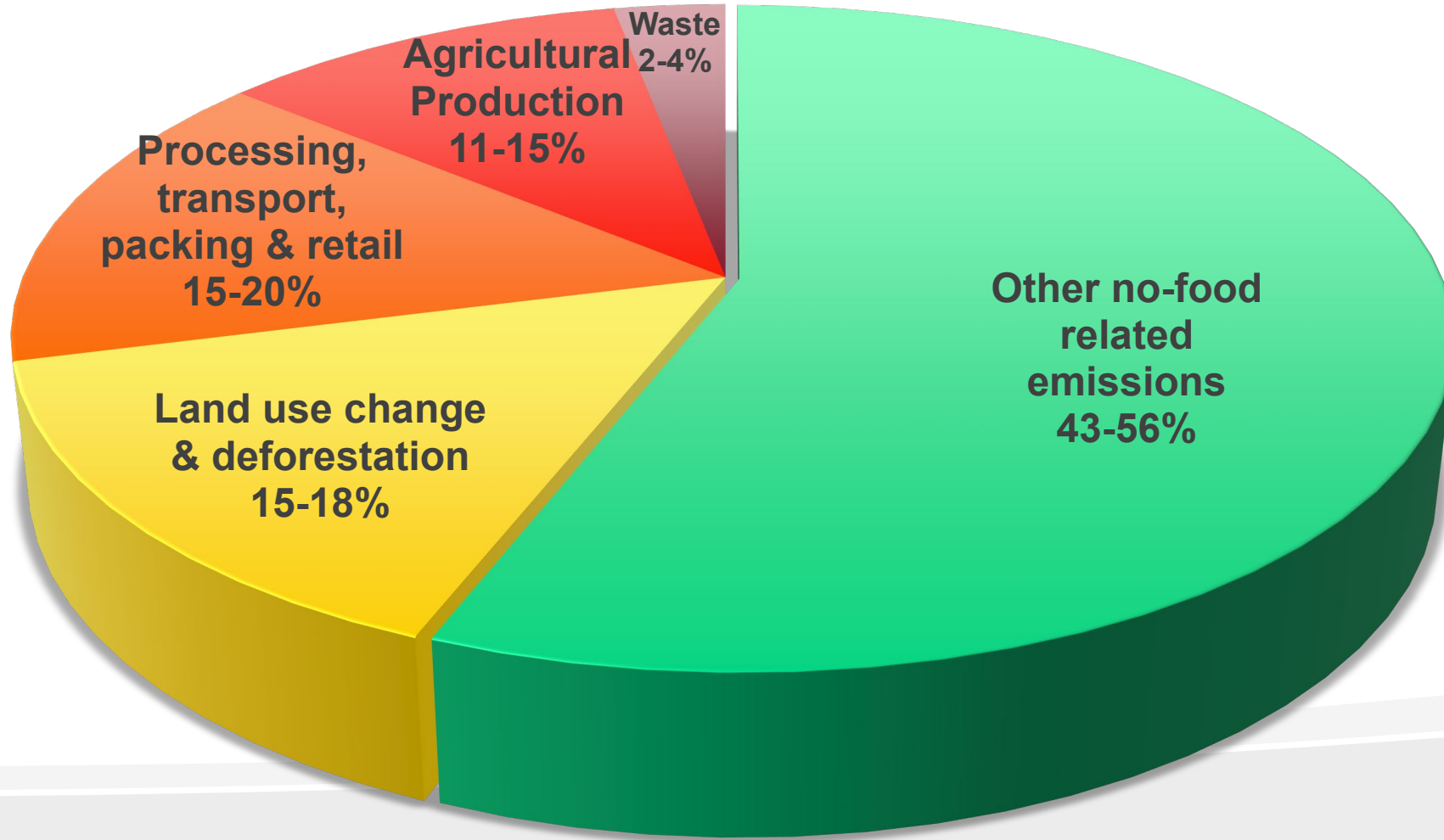


I only eat meat with  
the biggest carbon  
footprint



mitra farmand

 **Food, Climate & Infrastructure**

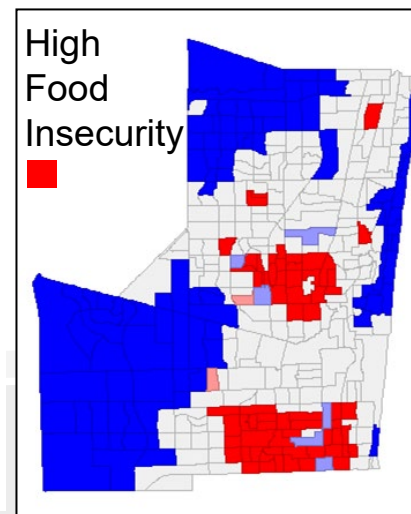
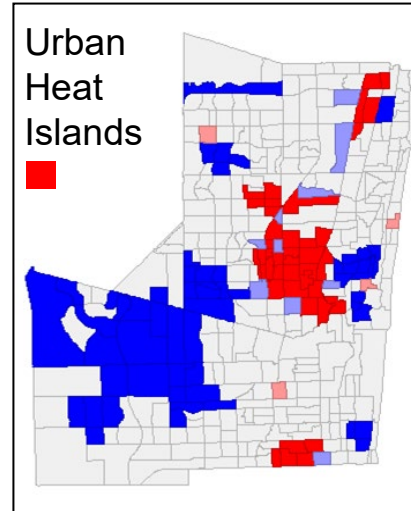
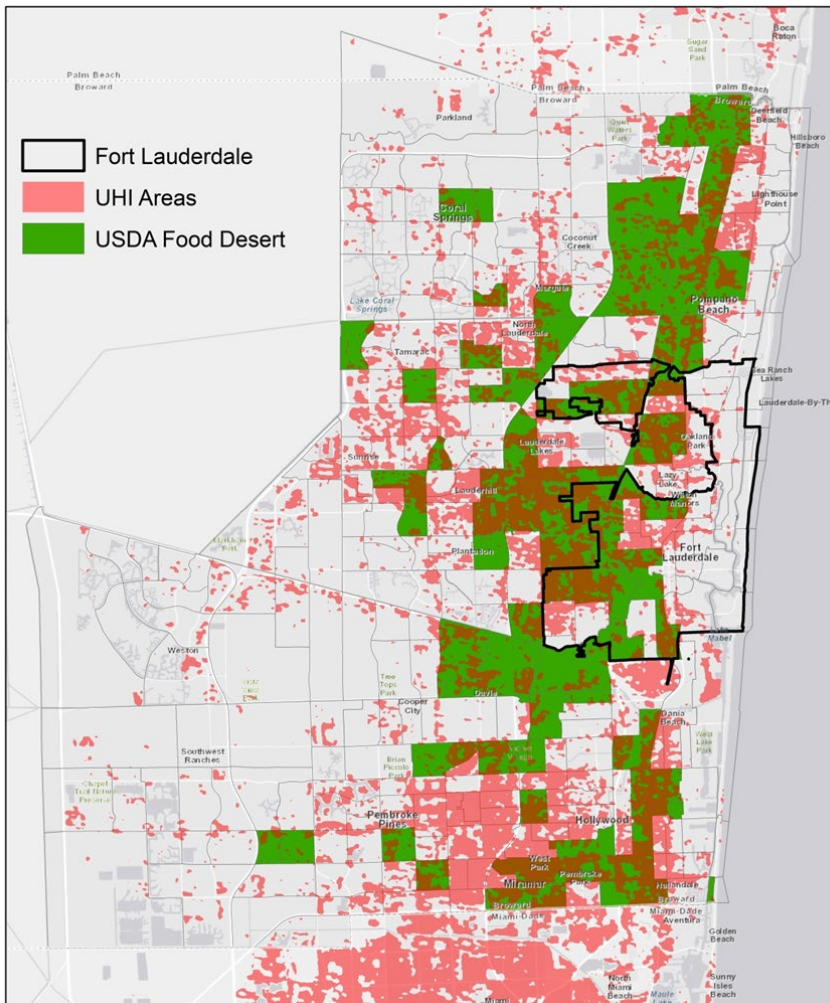




# Food Access and Climate Change Impact

## Disparities: The Case for Equity

Food access and climate change affect everyone, just not equally.



- Evidence shows that food insecurity and climate change effects tend to have disproportionate negative impacts for the most vulnerable populations.
  - Example: Fort Lauderdale's and UHP' 2014 study on Urban Heat Islands (UHI) showed that the hottest sites in the city are also more food insecure and have predominantly people of color populations living in the area.
- **COVID-19 has only exacerbated these disparities and their disproportionate impacts on vulnerable populations.**

## Food, Climate & Infrastructure

“A community food system is the integration of sustainable food production, processing, distribution and consumption to enhance the environmental, economic, and social and nutritional health of a particular place.”

Feenstra (2001, p. 100) and Garrett (1999, p. 2)





# Food Access Solutions to Climate Change: Policy, Systems and Environmental Change for Broward County

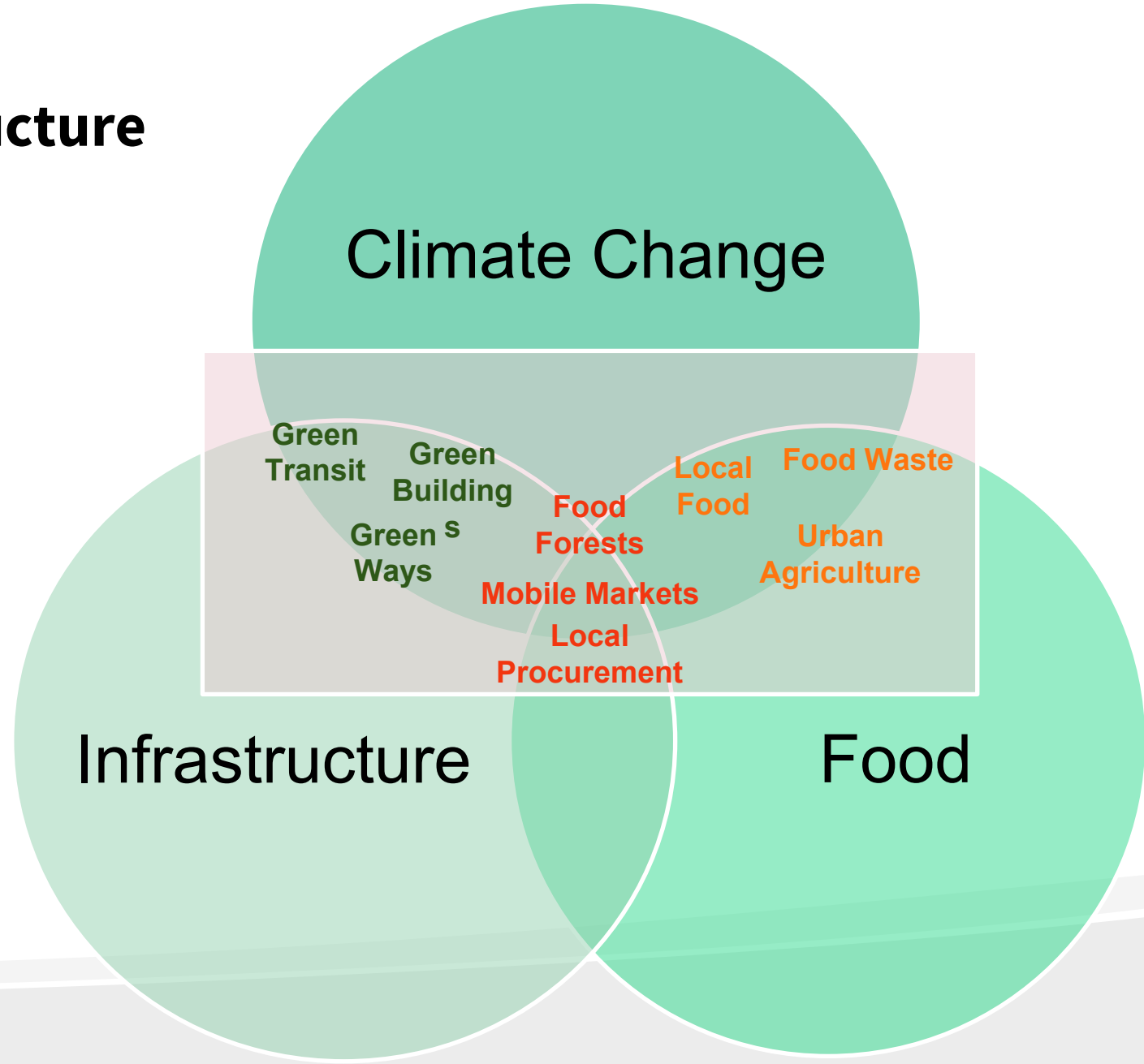


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# Food, Climate & Infrastructure

## POLICY CC2.18: Climate Change Element

"Broward County, in conjunction with its municipalities, should create programs and policies which encourage and support composting, community garden networks, and local food production, in order to meet the multiple goals of reduced emissions and energy consumption, while increasing the resiliency and long-term food security of the community."





# Food Access & Climate Change Solutions

## **Acute Emergency Infrastructure Adaptation:**

- Integrate the locations and capacity of community-based food pantries throughout the county with Emergency Operations.
- Have a system to assess their risks for flooding, wind-storm damage, and power outages.
- Which pantries have cold storage? Which pantries have emergency backup power?
- Do pantries have the capacity to grow their own produce or the ability to partner with other organizations/businesses that do?
- Are all the pantries connected to the County's Emergency Operations dashboard? Do all the pantries share a system that keeps track of their inventory? Do they share a common communications protocol?

## **Resilience Adaptation through Food System Infrastructure:**

- Make an inventory of all public facilities (e.g., schools, hospitals, community centers, land) and begin modifying them for food system dual-uses such as: *urban agriculture-growing food indoors/outdoors, preserving & storing food, seed banking, and food distribution points.*





# Food Access & Climate Change Solutions

## **Resilience and Long-Term Emergency Adaptation through Soil and Water:**

- Soil and freshwater salinity will increase over the next decade.
- Implement a program to convert food waste into soil to be used for brown field (toxic site) soil replenishment and urban agriculture.
- Develop freshwater recapture techniques to ensure that households and urban farms will have a reliable source of freshwater.

## **Collaboration/Partnership with Urban Health Partnerships and Food for All Broward:**

- Work with the Task Force to define additional policy and/or system actions and strategies to further the support of food access towards improved climate/environment efforts.
- Since Covid-19 highlighted the connections between food access and climate change concerns, provide technical assistance and support to find solutions to these interrelated issues.
- Support the representation of these issues through the Climate Change Task Force and help provide guidance.



# Food Access & Climate Change Solutions: Examples

## **OBJECTIVE 1.7 (Economic Element - Alachua County 2019 – 2040 Comprehensive Plan)**

Maximize local resource & energy-efficient food production and processing within the County's local foodshed.

A robust local food system will:

- increase food security and resiliency through providing affordable local food, protecting agricultural knowledge and traditions, and supporting biodiversity in our food crops
- protect public health by improving food safety issues at harvesting, washing, shipping and distribution, and increasing the nutritional value of food
- protect incomes for family farms and provide local employment
- maintain agricultural land and support rural land stewardship
- stimulate local food industries and enhance agritourism

**Policy 1.7.1** - Partner with community groups and other local governments in the region to delineate and promote a local foodshed for the development of a sustainable local food system.



# Food Access & Climate Change Solutions: Examples

## **OBJECTIVE 1.10 (Economic Element - Alachua County 2019 – 2040 Comprehensive Plan)**

Support and encourage local agricultural operations in the use of sustainable agricultural practices including organic farming.

**Policy 1.10.2** - Reduce use of and dependence on fossil-fuel based synthetic fertilizers in Alachua County consistent with adopted Best Management Practices and Florida Statutes, incorporating research-based information.

**Policy 1.10.3** - Work with IFAS and local agricultural groups to encourage use of sustainable agricultural practices that maximize carbon sequestration, conserve energy and water, minimize soil erosion and protect ecosystems and water quality.



# Coordinating Solutions

**UHP and Food for All Broward are here to help!**

- Establish a framework and timeline for the implementation of Comprehensive Plan updates related to food access and climate change mitigation.
- Support the, planning, development, co-design and implementation of policies that mitigate climate change and support healthy food access.
- Coordinate partners and stakeholders, including community members and leaders and potentially a community garden network, all with the purpose of establishing more long-term sustainability for these efforts while addressing policies, systems, and environmental gaps and leveraging any available and/or partner support.
- Food for All Broward can participate in the Broward County Task Force on an ongoing/as needed basis to provide feedback and guidance towards climate and food equity.











# Questions?

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# THANK YOU!

- For more information on Food for All Broward, please visit our website:
  - [urbanhp.org/food-for-all-broward](http://urbanhp.org/food-for-all-broward)
- To learn more about how you can get connected, please contact:
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