

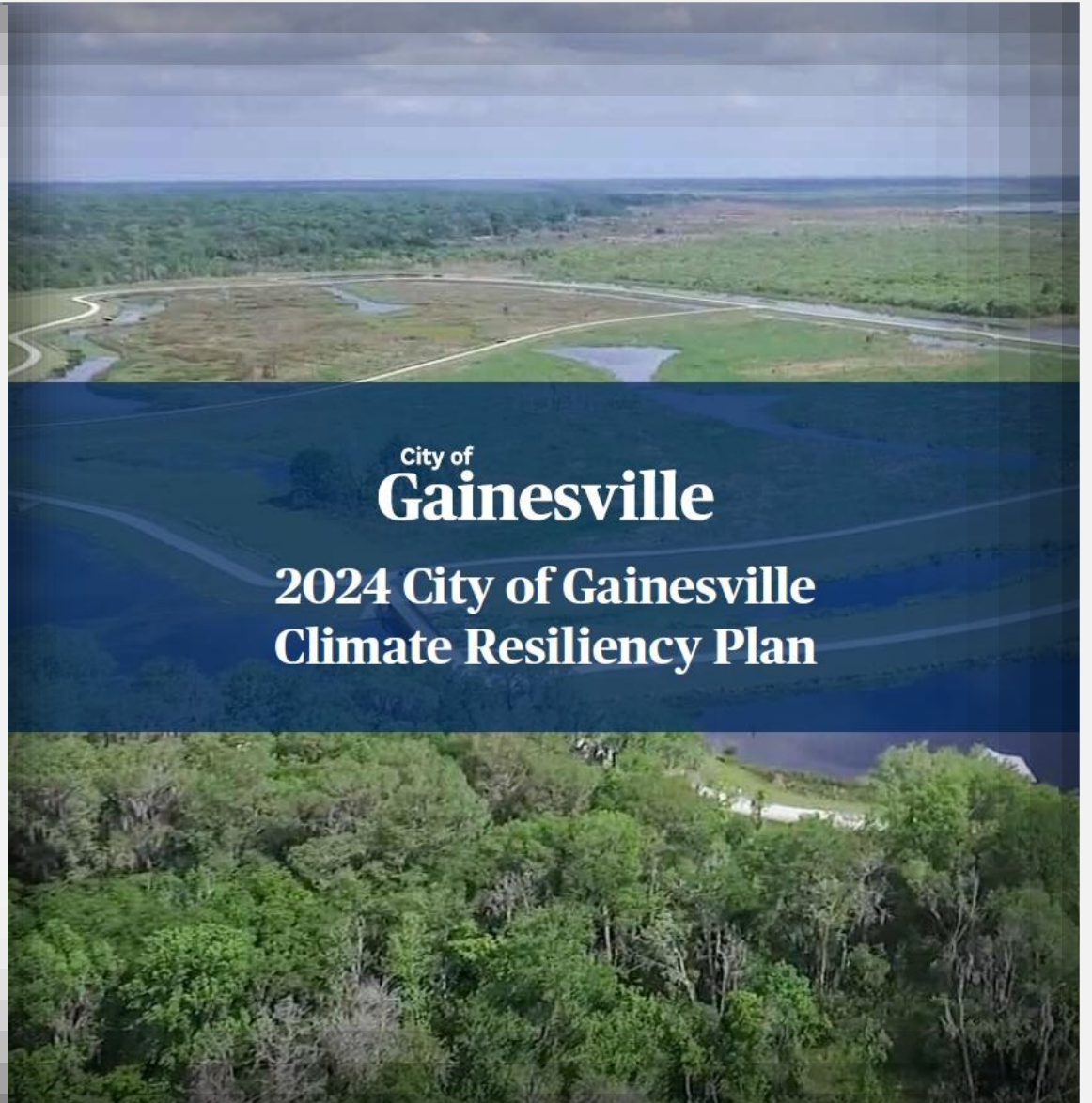
City of Gainesville Resiliency Update

Dan Zhu, Ph.D., LEED Green Associate
Chief Resilience Officer

2026-357A

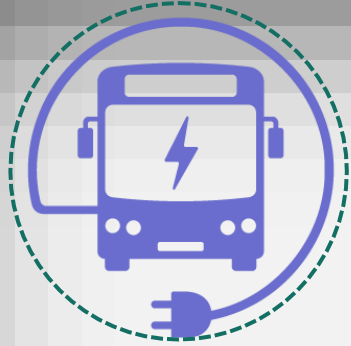


Background



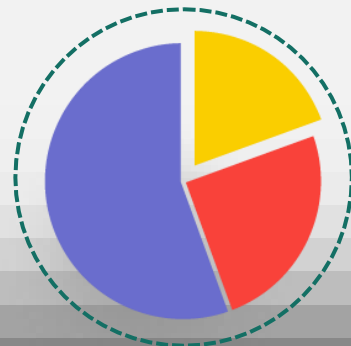
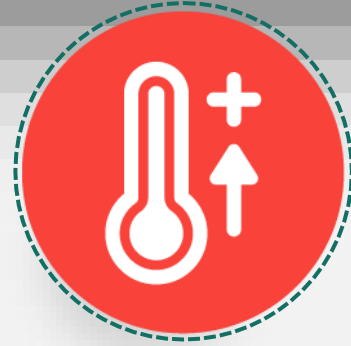
Gainesville Resiliency Plan Chapters

City of
Gainesville



Mitigation

Adaptation



Mitigation







**SUSTAINABLE (GREEN) SUPPLIER
DIRECTORY APPLICATION**

Please provide the information requested below. Email completed form to
gg_supplier@cityofgainesville.org

Company Name: _____

Street Address: (must be located within legal boundaries of the City of Gainesville)

City: _____ State: Florida Zip Code: _____

Length of time at this address (1-year minimum): _____

Mailing Address: (if different than address listed above)

Phone Number: _____ Fax Number: _____

Email Address: _____

Owner/Manager (name and title): _____

Federal Employee Identification Number: _____

Signature of Owner/Manager: _____

Date: _____

By signing this application, you state the information provided is true and accurate and your firm meets the Local Preference Supplier Ordinance requirements. THIS APPLICATION IS TO BE RENEWED EVERY TWO YEARS.

Local vendor definition - A City of Gainesville person, firm, or corporation which: (a) has its headquarters, manufacturing facilities or locally-owned franchise located in, or having a street address within, the legal boundaries of City of Gainesville for at least one (1) year immediately prior to the issuance of the request for quotation or formal bid solicitation (post office boxes do not qualify as a business address); (b) thirty (30) percent or more of its full-time employees have primary residences located within

Adaptation

HEAT PLAYBOOK

THE CITY OF GAINESVILLE

Understanding Heat Risk in Gainesville

Local context:

- Gainesville has very hot summers with many days above 95°F.
- Hot days are happening more often.
- Humidity makes it feel even hotter.
- Warm nights make it harder for the body to cool down.

Why children are at risk:

- Children are more sensitive to heat and are less likely to be aware of heat danger signs.
- More likely to play outside .

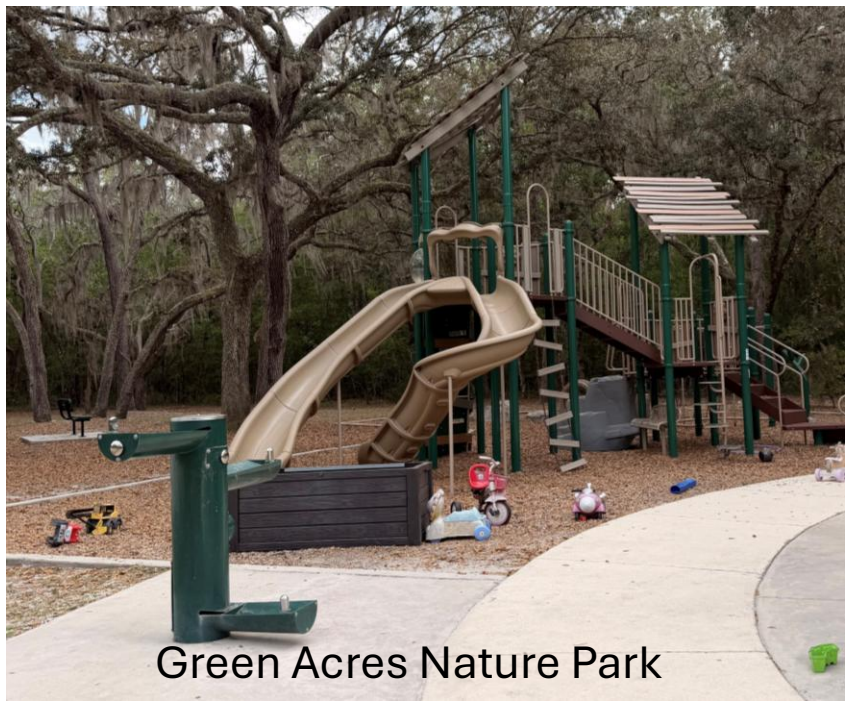
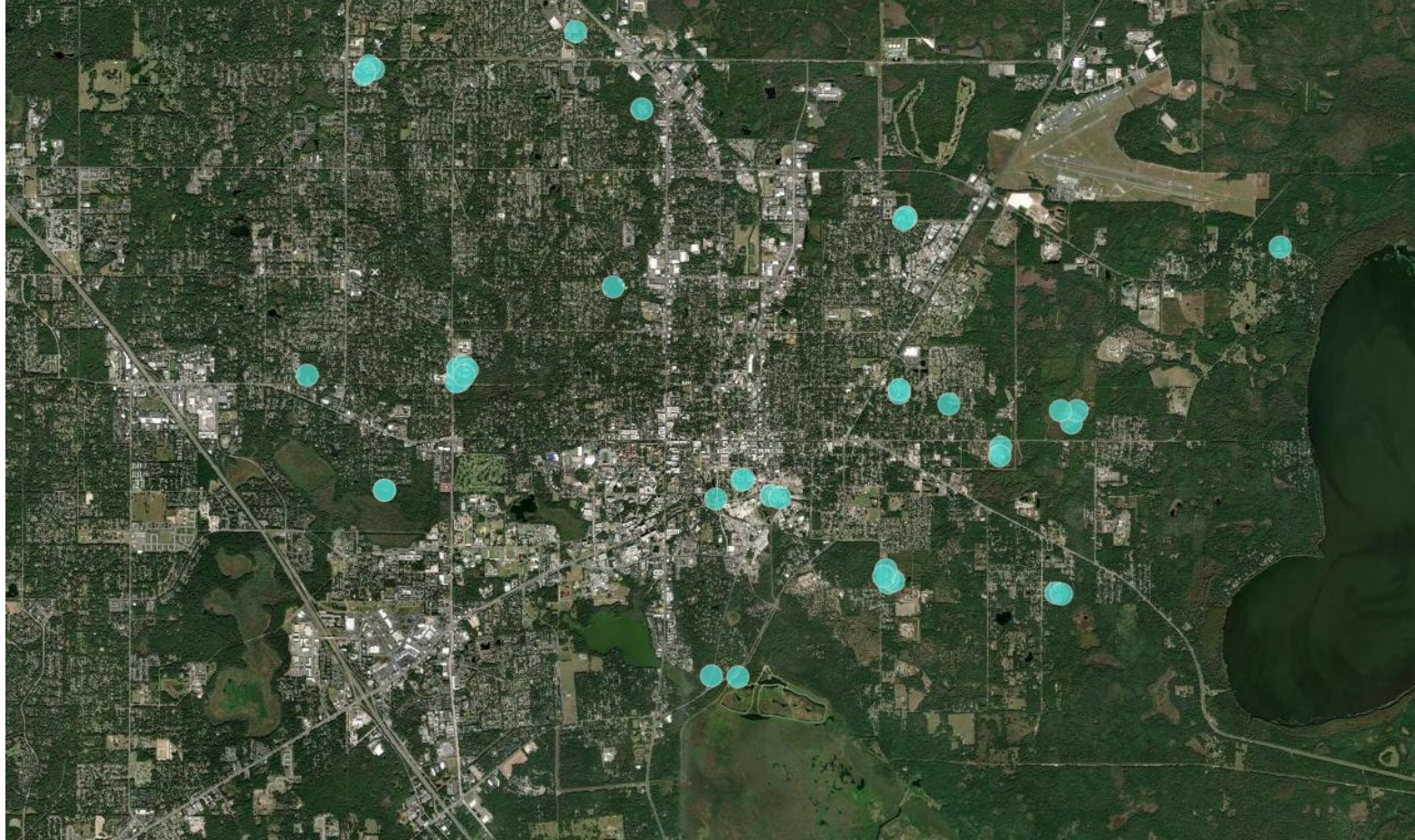
Did you know
Gainesville gets hotter
than a gator on a grill?
Learn the risks so you
can stay safe!



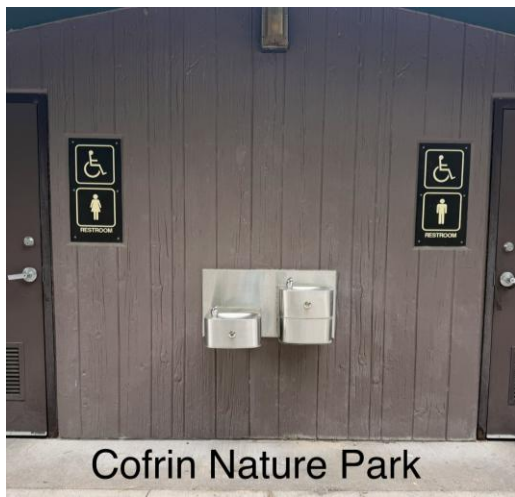




Westside Park



Green Acres Nature Park



Cofrin Nature Park



Fred Cone Park

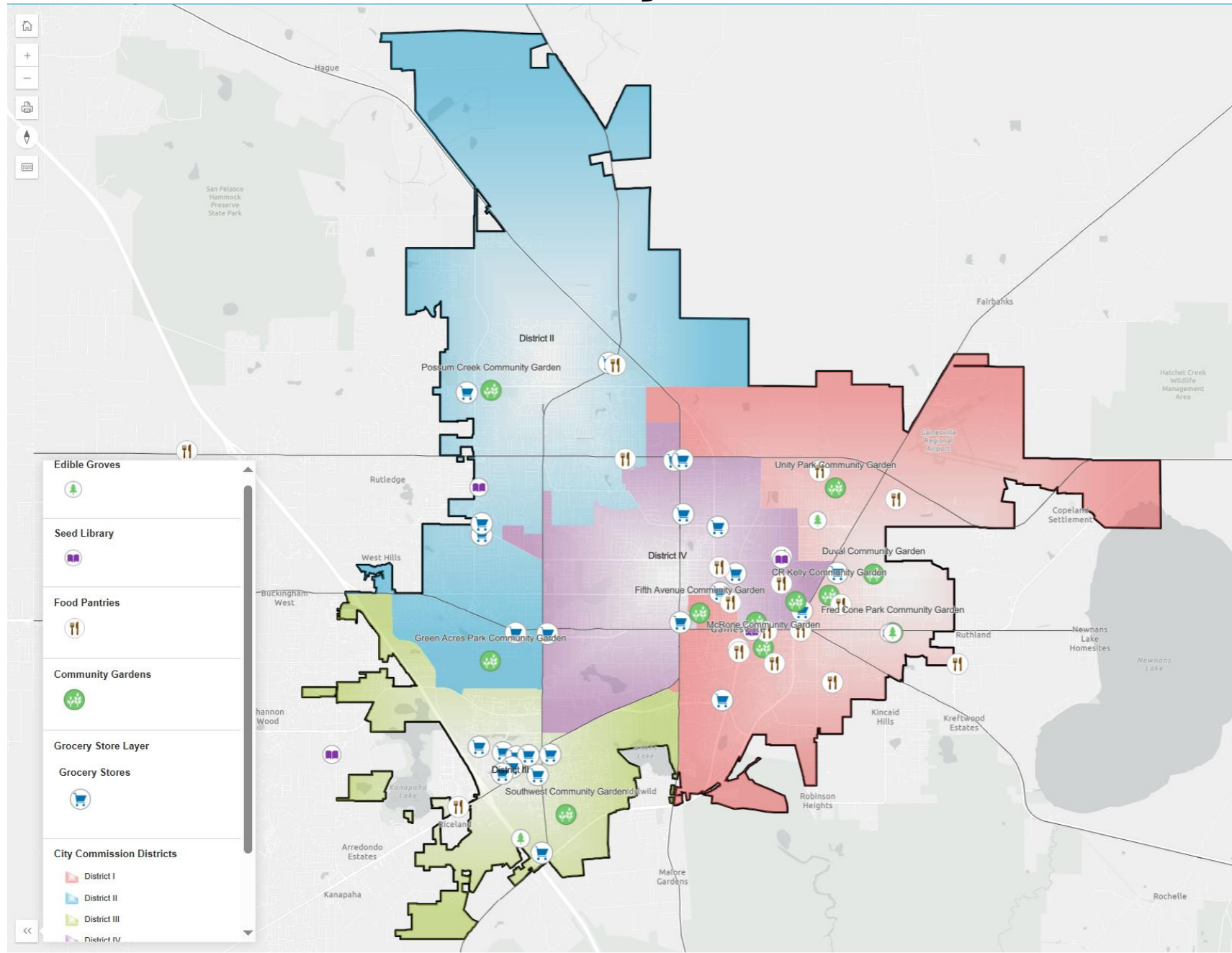


Abby Wambach Park



Food Systems

City of
Gainesville





Track 1: Mitigation

These five groups focus on reducing emissions



- Boosted voluntary single-family solar adoption from 4% to 6%
- Advanced a 1.2-MW solar canopy project supported by the [#LowNoEmission](#) Grant, with the RFP now underway



- Secured \$26.4M through the [#FederalTransitAdministration](#) Grant to bring 21 new hybrid buses to the city fleet
- Selected for \$11M through the [#DepartmentOfTransportation](#) [#CFIGrant](#) to expand public EV charging infrastructure



- Citywide water performance, integrated water management, and stormwater management all scored above the local and global average, with 81 points out of 100



- Wrapped up a \$500k [#DepartmentOfEnergy](#) anaerobic digester feasibility study
- Expanded the single-family composting pilot from 200 to 700+ homes, initially funded by [#USDA](#), now entering a re-evaluation phase



- Green Purchasing: Encouraging sustainable procurement practices
- Included the Sustainable Green Supplier in the city's procurement process

Track 2: Adaption

These five groups aim to enhance community resilience:



- Created a Heat Playbook for children to support heat awareness and safety
- Launched monthly tree-planting efforts
- In the past fiscal year, planted 1,463 trees and gave away 2,200 trees
- Continued leadership as a Tree City USA and Bee City USA



- [Gainesville Resiliency Plan](#) - Food System Plan Map



- Delivery 69 community events, engaging 2,000+ residents in person



- [GNV Greenhouse Gas Emissions Dashboard](#): Monitoring and reporting climate-related data



- Efficiency and Conservation Block Grant Program, US DOE
- City of Gainesville Anaerobic Digester Feasibility Study, US DOE
- Food Waste Pilot Program, USDA
- Critical Infrastructure: Vulnerability Assessment and Adaption Plan, FDEP
- Energy Future Grant, US Department of Energy Environmental Protection
- LEED for Cities Local Government Leadership Program, US Green Building Council
- EPA Electric Bus Video
- Low and No Emissions, Federal Transit Administration
- Charging and Fueling Infrastructure, DOT

Total Emissions 2023

Total Emissions 2019

Gainesville GHG Emissions: 2019 vs 2023

City Initiatives & Resources

Resiliency Plan Playbook



Community Voices

Instructions: Interview your parents, siblings, neighbors and friends about sustainability and resilience.

Some Questions to Ask:

- What does helping the environment mean to you?
- Do you recycle things at home? If so, what things?
- How do you usually get to work, school or the store?
- What should people do to prepare for emergencies?
- What is one habit you wish more people would change?



Neighbor 1:

This neighbor is older and gets sick really easily when it gets hot outside. Their home can get really warm in the summer. What are some ways you could help?

Next Steps



Thank you!

