



Task Force Meeting #2

Thursday, October 22, 2020



Zoom tips:

1. Please mute your mic when not speaking.
2. If you called into this meeting on your phone, please email Ben (bberolzheimer@townofcarrboro.org) with your name and the phone number you are using.
3. Click the “raise your hand” button if you would like to ask a question.
4. Use the chat room feature to post questions while others are speaking.
5. We recommend using Gallery View and encourage your video to be on when possible so you can see your peers.
6. Please text, call, or email with any technical issues: Ben Berolzheimer
bberolzheimer@townofcarrboro.org 919-918-7330

#1 & #2

welcome



1. Opening and Introductions, Catherine Fray, Task Force Chair
2. Town Council Member Welcome

#3

task force meeting 1



Quinton Harper, David Jessee
and Tim Turner,
Task Force Co-Chairs

"This marks the beginning of what will be a really visionary experience for our town."

--Mayor Lavelle

"Your participation is so critical – you are the eyes and ears of planning process. In your role as task force member we ask that you reach into your networks, pull in more people, and let's make sure that everyone has an opportunity to participate. Now let's get planning!"

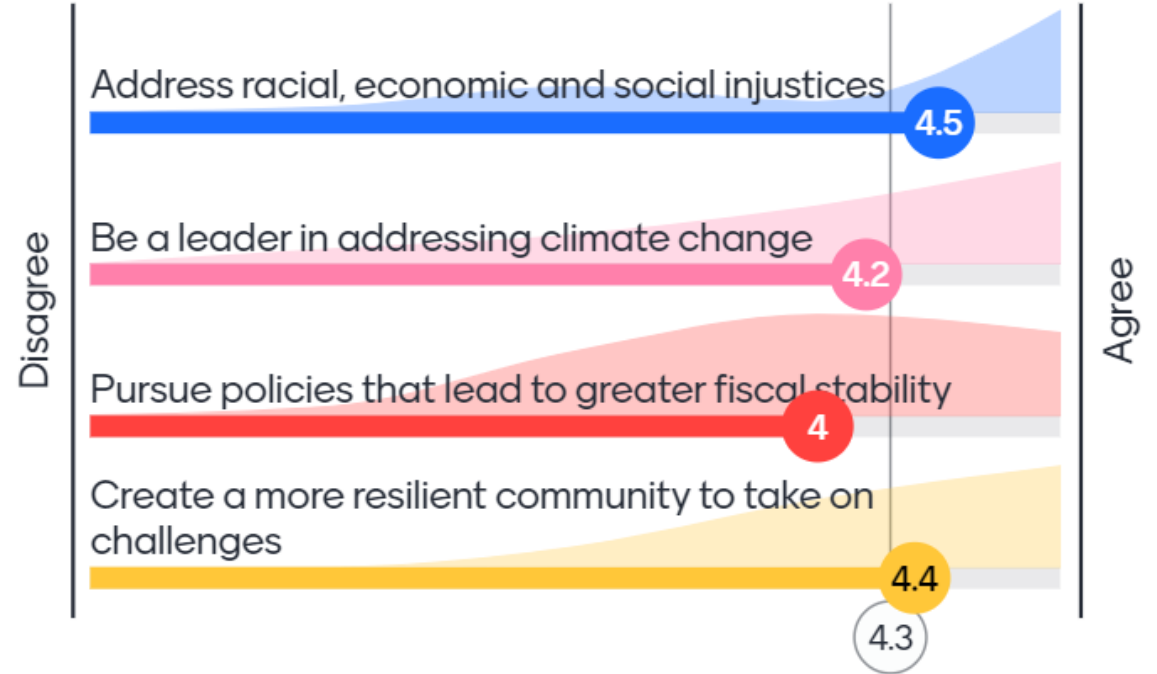
- Mayor Pro Tem Foushee

quick check of meeting 1

3 words that describe Carrboro



principles that should guide the plan



conversation café share-out



Teresa Lockamy,
Lockamy Consulting



CONVERSATION CAFE

We want to hear from you to inform Carrboro Connects, a new effort from the Town of Carrboro to create its first comprehensive plan. The plan is dependent on everyone having the chance to participate and share ideas. Find a stranger, neighbor, friend, or family member and get their thoughts on the below questions!

● ● ● STARTERS | What neighborhood do you live in, and do you like where you live? Why or why not? What could be better?

Not sure the neighborhood name - near the farmers' market. I love where I live, because of the proximity to things to do: the farmers' market, bars, restaurants, locally-owned shops, access to parks, bike lanes, and there's a good sense of community here. There are some areas where I think road safety and pedestrian safety could be improved (like adding a crosswalk). In terms of development, +

● ● ● LOCAL SPECIALTIES | What 3 things do you think of when you think about Carrboro? What is your favorite place in town?

Arts community focus, small business oriented, environmentally conscious. Parks & Rec has amazing resources and amenities.

Favorite places: Farmers' Market, MLK Park, Cat's Cradle, Steel String Brewery

● ● ● MAINS | How has Carrboro changed over the time that you've lived here? If you had to choose one thing, what would you like to do or change in our community?

I've lived in the area since 2009, and since then there's been quite a bit of gentrification. Seems like some of the families who've been here a while were starting to be not as visible. Some friends of mine told me Carrboro used to be much more racially diverse. It does feel more vibrant in places like Open Eye and Steel String - public spaces like those, and the parks spaces. I was worried about the +

● ● ● SWEET STUFF | What is the most beautiful place near where you live in Carrboro? What is your favorite experience / activity in Carrboro?

The farmers' market, because of what happens there. It's a very lively, community-oriented space. There's the actual market that happens, but the other ways the space is used is awesome, like exercise groups, people hanging out on the lawn, all sorts of things I think that's really beautiful. Also the new MLK Park: very natural vibe to it, and it's right next to the wonderful community garden. +

● ● ● TAKE-AWAYS | What is Carrboro's biggest challenge? What local issues would you like resolved? Name one thing that would help make our community more vibrant?

Maybe the future of housing assistance, things like first-time homeowners assistance programs for people of color.

#4

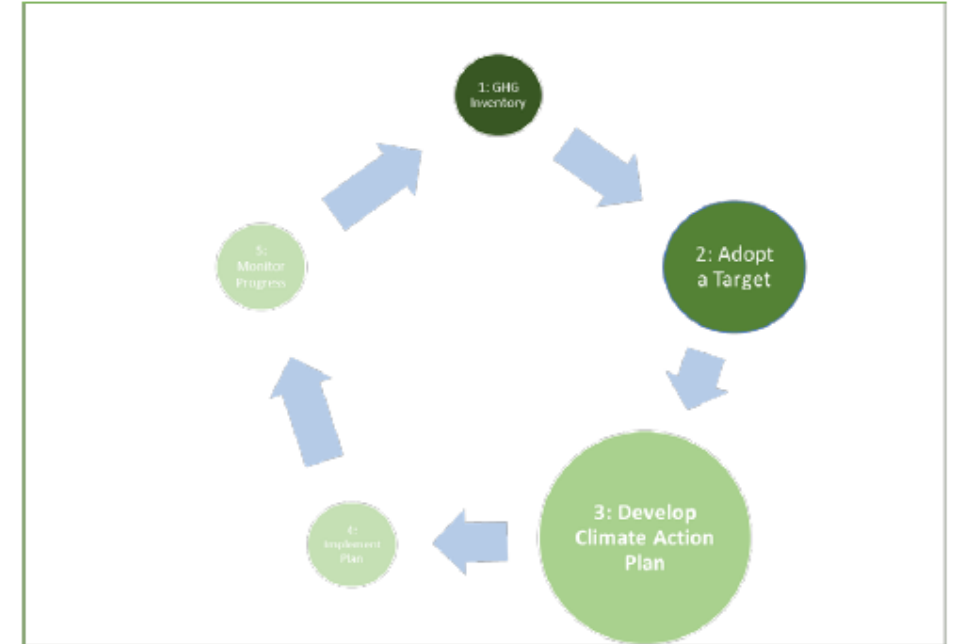
climate action plan



Laura Janway,
Town of Carrboro

Community Climate Action Plan

Reducing Greenhouse Gas Emissions, Saving Energy,
Generating Renewable Energy, and Enhancing Ecosystems



Town of Carrboro, North Carolina

January 24, 2017

BOARD OF ALDERMEN

LYDIA LAVELLE, MAYOR

BETHANY CHANEY

JACQUELYN GIST

RANDEE HAVEN-O'DONNELL

MICHELLE JOHNSON

DAMON SEILS

SAMMY SLADE

David Andrews, Town Manager

With support from the Carrboro Energy and Climate Action Task Force:

Carolyn Buckner, Jeff Herrick, Kathy Kaufman, Jeanette O'Connor, Rob Pinder

History of Climate Action in Carrboro

ICLEI - Cities for Climate Protection Campaign (2001)

County GHG Emissions Inventory (2005)

Community GHG Inventory (2011)

Municipal GHG Inventory (Yearly since 2012)

Energy and Climate Protection Plan (2014)

Updated Community Inventory (2015)

Community Climate Action Plan (2017)

Resolutions:

Climate Protection Resolution (2009)

100% Clean Energy, Green Jobs (2017)

Green New Deal, Reorientation of Priorities and Resources (2018)

Climate Action Goals and Budget Plan (2019)

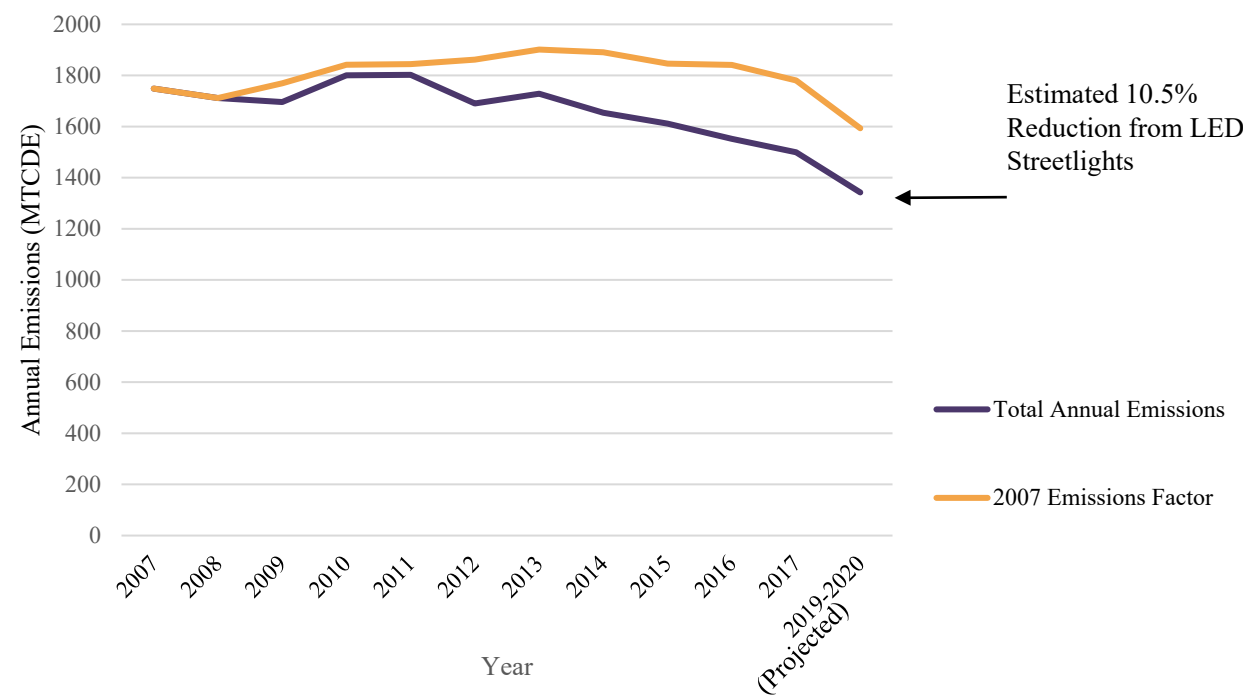
Energy and Climate Protection Plan (ECPP)

- Goal of 80% reduction in municipal emissions by 2030
- Supports the Town in:
 - Reducing greenhouse gas emissions
 - Becoming more energy efficient
 - Generating more renewable energy
 - Land management in consideration of climate change

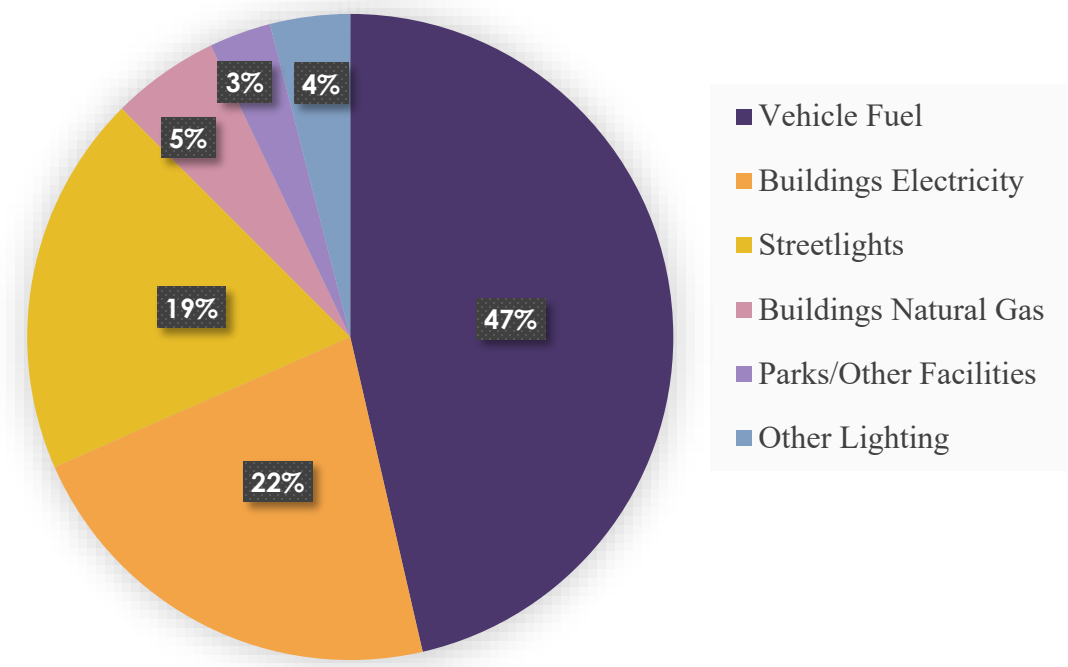


Municipal Emissions

Total Annual Municipal Emissions



Percent of Total Municipal Emissions



Community Climate Action Plan

Goal: 80% reduction in per capita greenhouse gas emissions by 2030
(Updated October 2020)



Community Climate Action Plan: Past Initiatives



Bee City USA



Mayors Water Conservation Challenge

Food Choices Phone Survey, Outreach

Urban Forestry Tree Value Tags Project

Bolin Creek Watershed Restoration

Solarize Carrboro, Solsmart

Food Choices

Ecosystem Protection and Enhancement

Renewable Energy

Solar Photovoltaic System 5kW in Town Commons

Community Integration

Community Climate Action Plan

Building Energy Efficiency

Transportation

Comprehensive Bicycle Transportation Plan Update

Community Meetings, Proclamations, Resolutions, Outreach

Energy-efficiency upgrades to Town buildings

EV Charging Station at Town Hall

Worthwhile Investments Save Energy (WISE) Program
Energy Efficiency Revolving Loan Fund

LED Streetlights

Hybrid Garbage Truck

Safe Routes to School Program

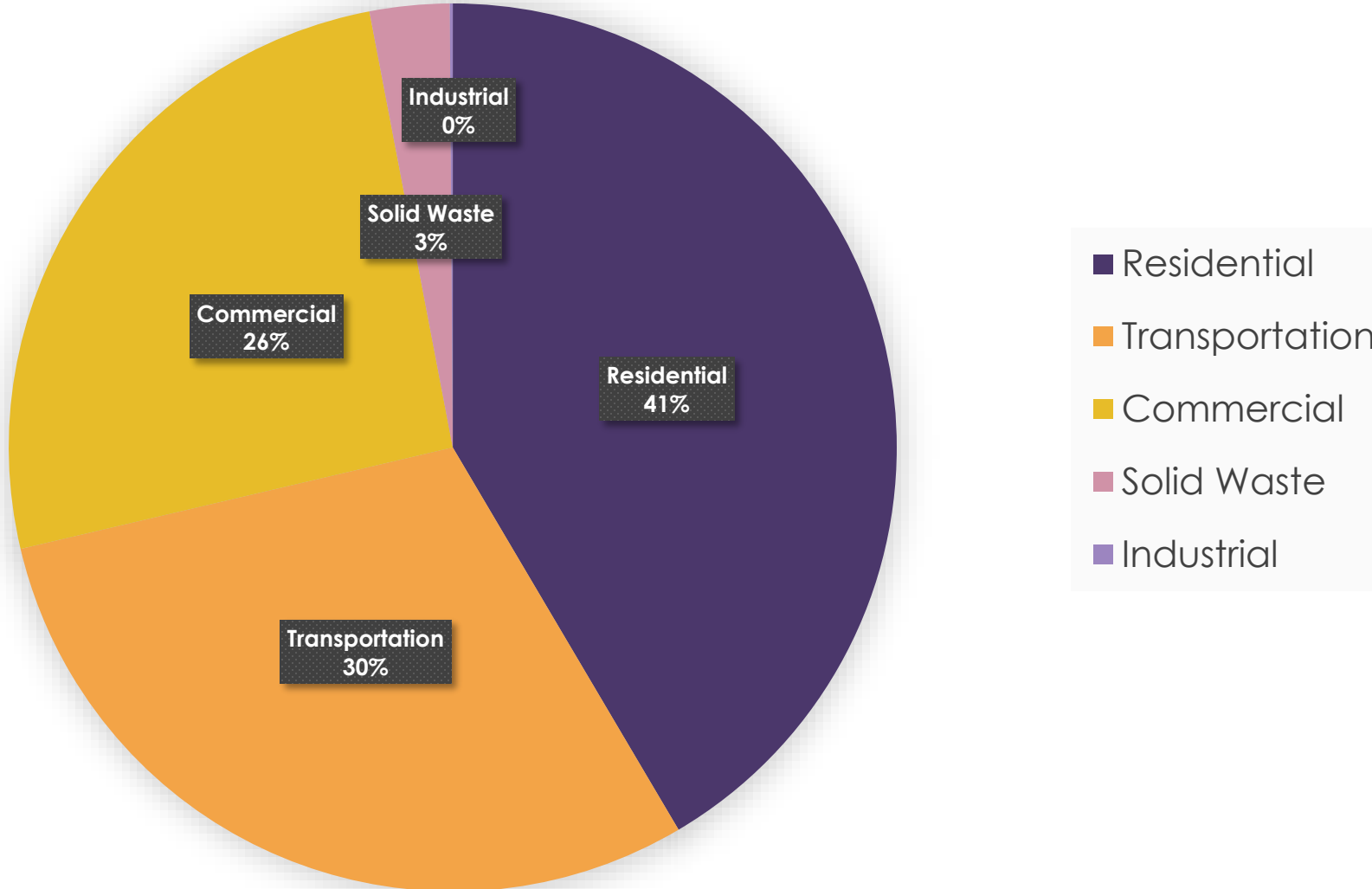


Current Initiatives

- Green Neighborhoods Initiative
- Invasive Species Removal Events
- CCAP Survey – Food choices, composting, transportation
- Legacy Tree Fund Grant
- Transportation Demand Management
- Collaboration
 - Cities Initiative
 - Orange County Climate Council



Community Emissions



Community Climate Action Plan Costs and Emissions Reduction Calculations

[illegible]

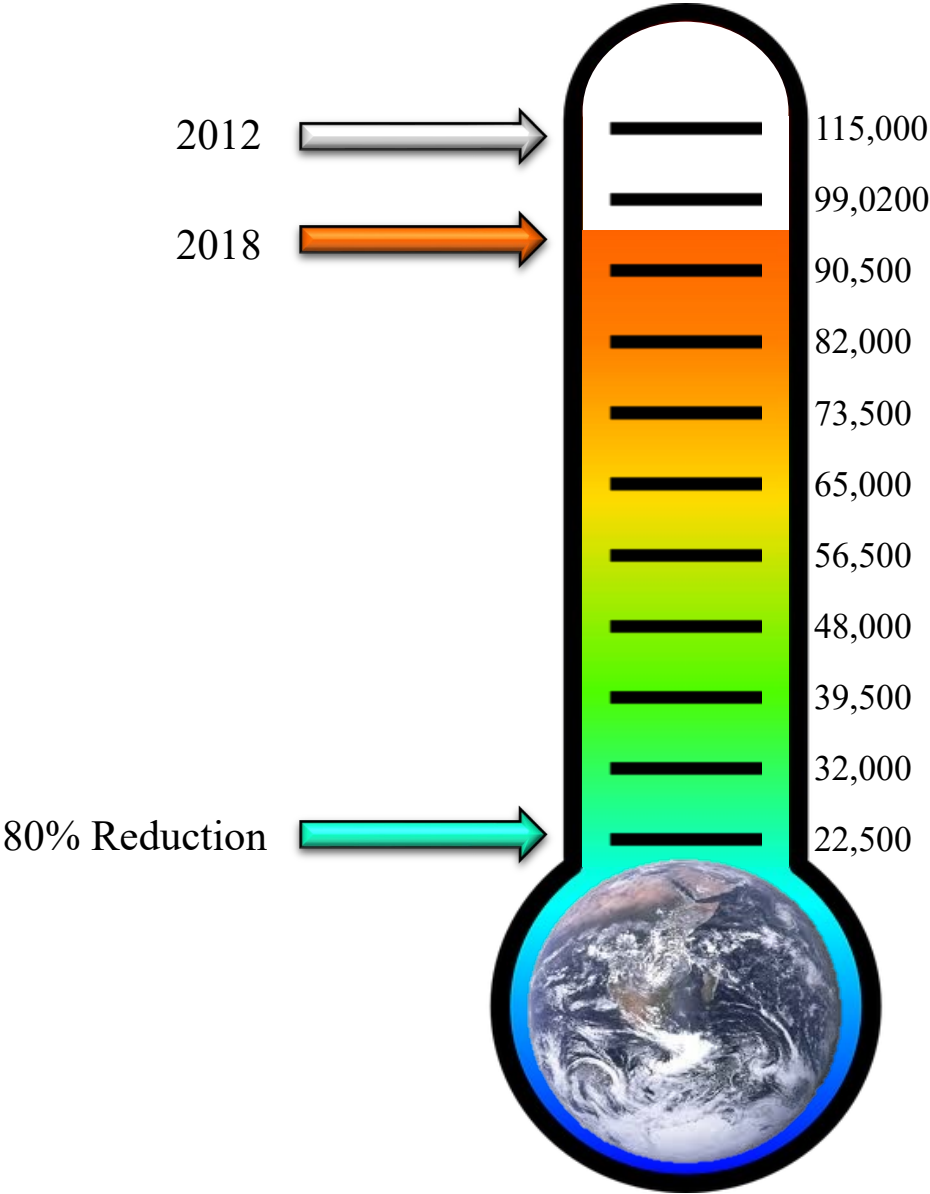
Estimates for:

- Costs
- Emissions Reductions
- Cost/Emissions Reduction Ratio
- Community Emissions Reduction Impact

Community Emissions Reductions (MTCDE)¹

Reduction Type	MTCDE	Percentage
Current Estimated Reduction	16,000	14%
Potential Future Reduction Needed	73,000	66%

¹Potential dietary emissions reductions not included; additional analysis will be completed.



Further Information

Laura Janway, Environmental Sustainability Coordinator
(919) 918-7342

ljanway@townofcarrboro.org

Link to Implementation Reports:

<https://townofcarrboro.org/262/Sustainability-Energy-Climate-Change>

#5

climate, ecosystem & social & racial equity



Marcella Bondie Keenan, CNT

TODAY:

- Climate Resilience
- Preservation of Natural Areas
- Social and Racial Equity
- Goals from Previous Plans
- Discussion

TO BE COVERED AT A FUTURE MEETING

- Stormwater infrastructure
- Greenways



task force 1 report back

Break-out discussions feedback

Where would you like Carrboro to be in 20 years?

- Actively addressing racial equity in climate resilience
- Better stormwater management in built out areas
- Better walkability for those with mobility issues
- Greater investment in outdoor spaces
- Smaller energy footprint
- Thoughtful + climate-resilient development policies and practices



social and racial equity



the journey - GARE

- The Town Council voted unanimously to begin race and equity work in October 2018
- Town joined GARE (Government Alliance for Race and Equity)
- Created a CORE Leadership Team
- The CORE Team is participating in NC Learning Cohort
- Working with Orange County jurisdictions and regional partners
- Reviewing Town practices and procedures using a racial lens
- Training



Vision Statement

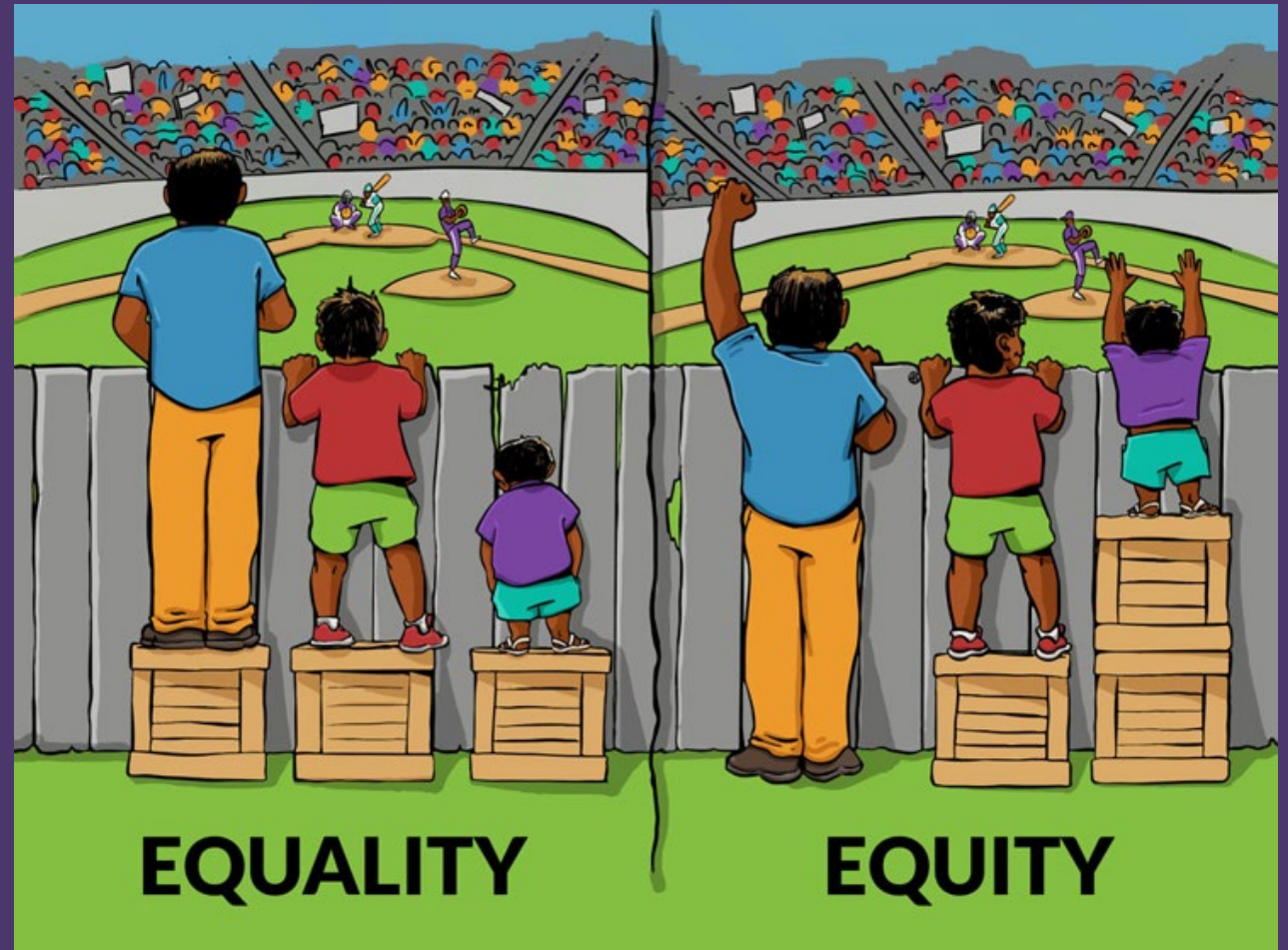
The Town of Carrboro envisions being a community where race does not determine outcomes and all have equitable opportunities and resources. We envision a time when participation in community events, programs and advisory boards represent community demographics. All will feel safe, secure and know their voice is valued.

We strive to be an inclusive and open-minded organization that has a culture created by its diverse staff, which serves the public through a social (racial) justice lens.

vocabulary

Equity is a process and an outcome.

- Requires acknowledgement of history
- Shifts authority and resources
- Achieves life outcomes that can't be predicted by demographics



 vocabulary

Racial Covenants: a practice in which a property deed includes a clause that prevents people of certain racial backgrounds from owning the property

vocabulary

Municipal Underbounding: a condition in which municipal limits do not include a neighborhood that would otherwise be within the municipal limits based upon its location, density, and history.

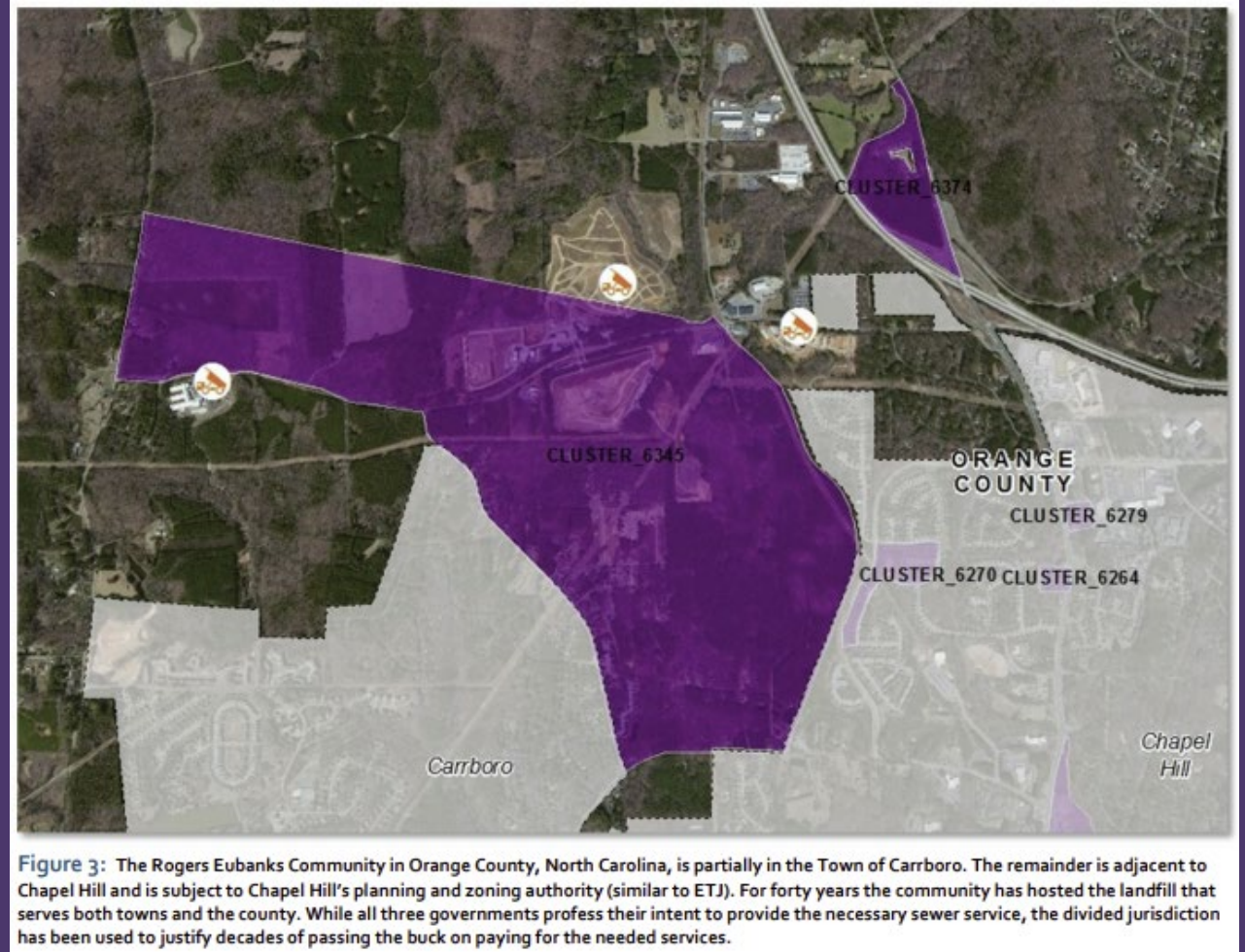


Figure 3: The Rogers Eubanks Community in Orange County, North Carolina, is partially in the Town of Carrboro. The remainder is adjacent to Chapel Hill and is subject to Chapel Hill's planning and zoning authority (similar to ETJ). For forty years the community has hosted the landfill that serves both towns and the county. While all three governments profess their intent to provide the necessary sewer service, the divided jurisdiction has been used to justify decades of passing the buck on paying for the needed services.

Source: The State of Exclusion: An Empirical Analysis of the Legacy of Segregated Communities in North Carolina

vocabulary

From Exclusion to Inclusion

Community exclusion is the denial or limited access to infrastructure, quality schools, access to political and civic institutions, affordable housing and exposure to environmental hazards based on race.

Source: The State of Exclusion: An Empirical Analysis of the Legacy of Segregated Communities in North Carolina



Source: Mikyla Williams & Jada Gailliard
<https://environmentalracism.web.unc.edu/>



impacts

Persistent racial segregation + racial wealth gap

Environmental racism:

- Greater climate impacts, e.g. urban heat islands
- Less access to outdoor spaces
- Closer to pollution sources

Worse community health outcomes



Soteria Shepperson

strategies

- Accessible + targeted community engagement
- Inclusive decision-making
- Equity commitments + follow through



Quinton Harper

 climate resilience





Resilience: “The capacity of a community, business, or natural environment to prevent, withstand, respond to, and recover from a disruption.”

Source: U.S. Climate Toolkit

 vocabulary

Adaptation: Actions to cope with or adjust to current and future climate change impacts.

Mitigation: Actions to avoid future climate change by reducing or preventing greenhouse gas emissions.

Source: U.S. EPA; U.S. Climate Toolkit

 vocabulary

Greenhouse gas (GHG): “[N]atural or manmade gases that trap heat in the atmosphere and contribute to the greenhouse effect. Greenhouse gases include water vapor, carbon dioxide (CO₂), methane (CH₄), nitrous oxide (NO_x), and fluorinated gases.”

Source: U.S. EPA



Carbon dioxide equivalent (CO₂e): “A unit of measurement that can be used to compare the emissions of various greenhouse gases based on how long they stay in the atmosphere and how much heat they can trap.”

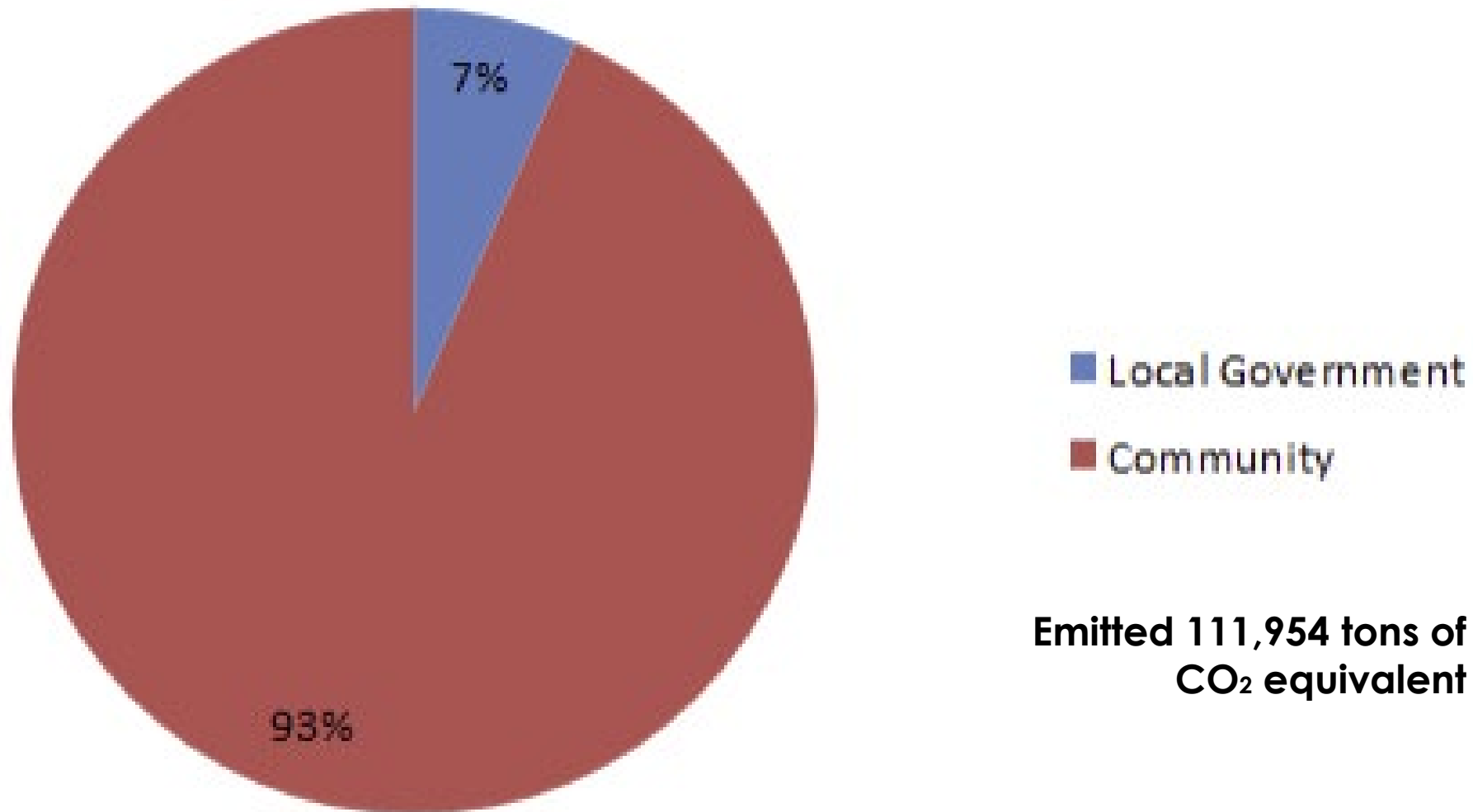
Source: U.S. EPA



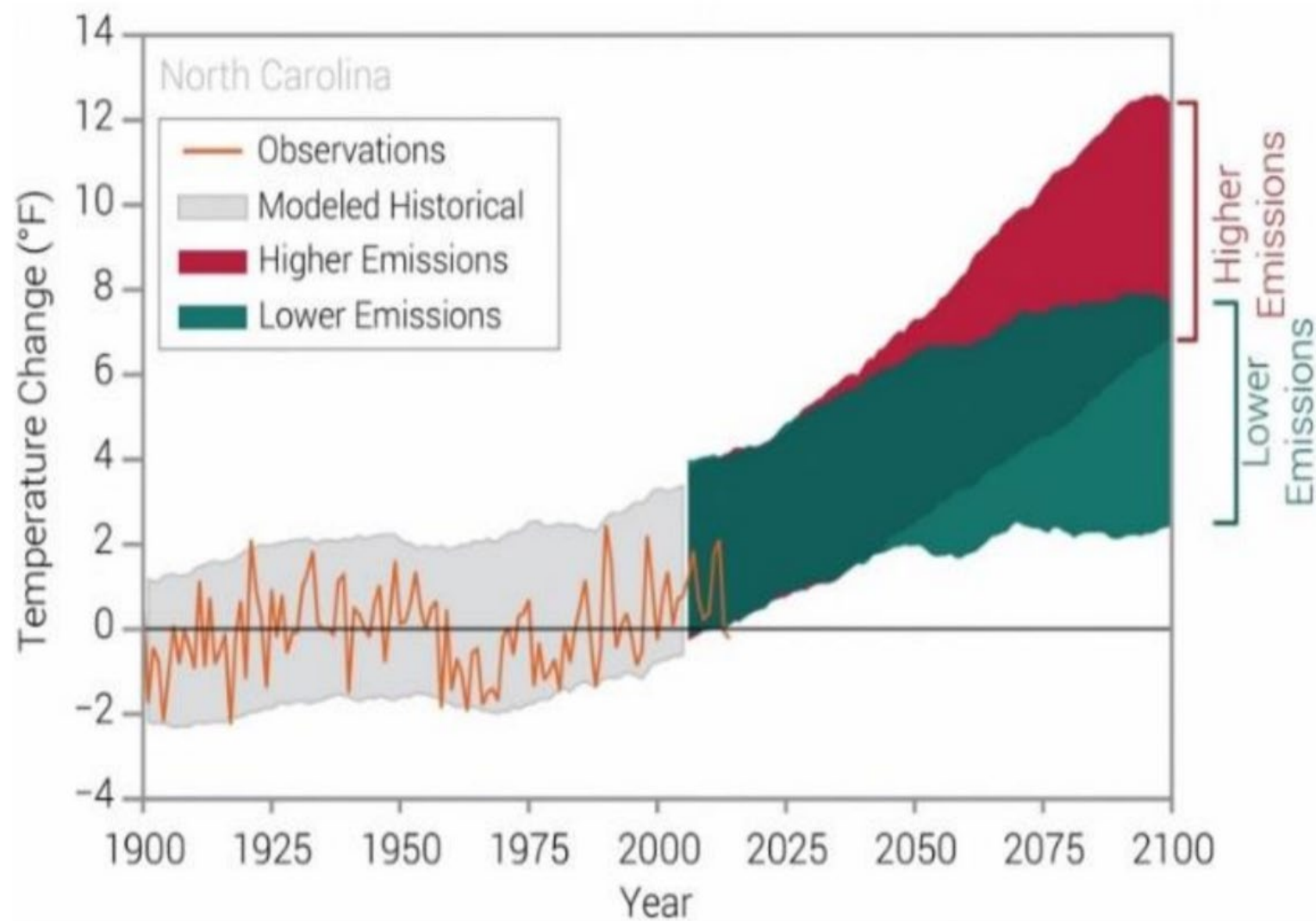
Community-wide GHGI: emissions from all the activities in a community – businesses, residents, transportation, and waste

Municipal operations GHGI: emissions from the buildings, facilities and vehicles operated by a local government

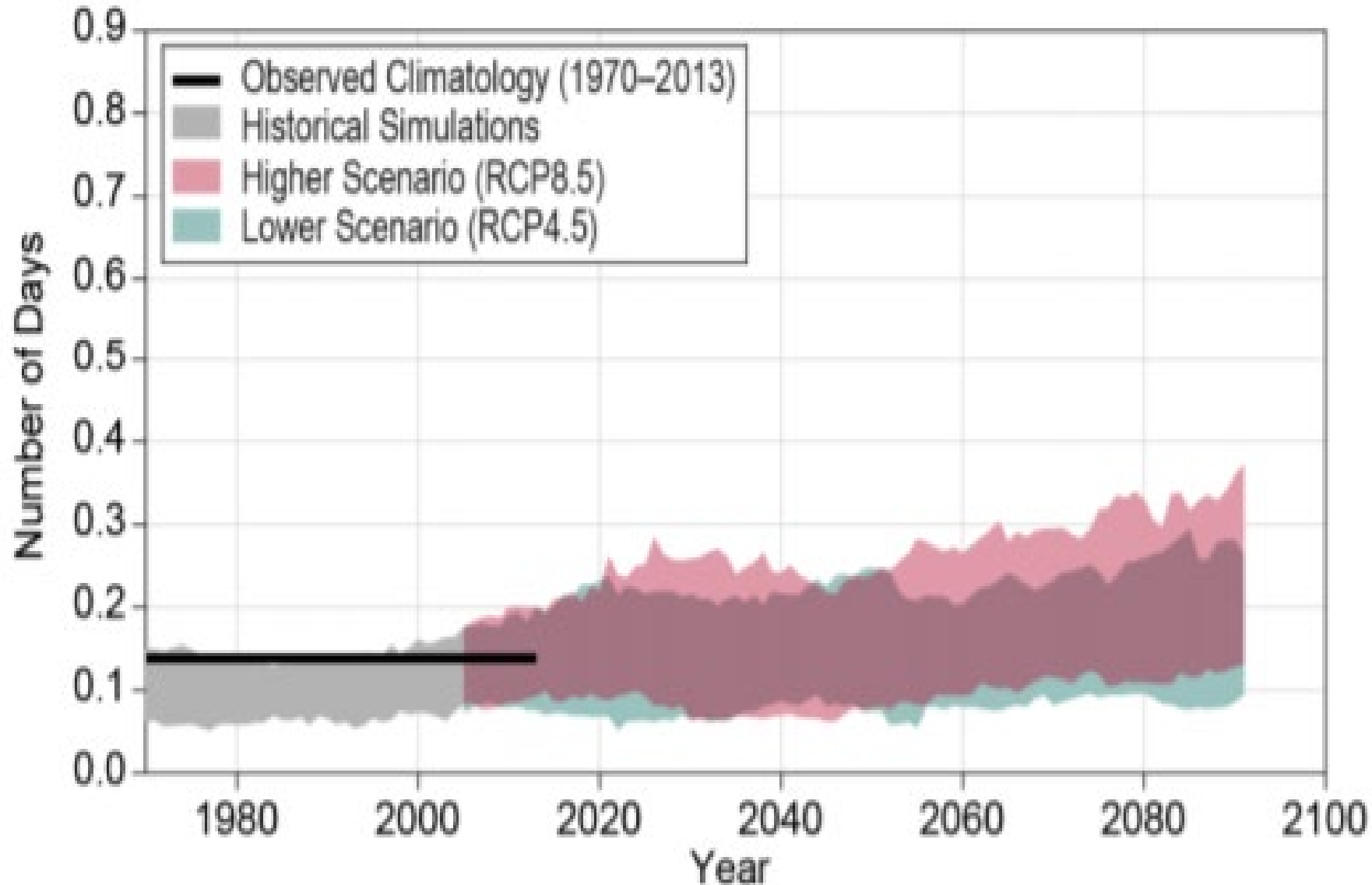
Greenhouse gas emissions, Carrboro, 2012



Temperature change: observed & projected



Precipitation change: observed & projected





Climate resilience strategies

- Revising municipal policies
- Updating infrastructure and existing development
- Reducing greenhouse gas emissions



A stylized, light purple line drawing of a plant with three leaves and a winding root system, positioned in the upper right background.

     preservation of natural areas



Threats: past development patterns

Impacts:

- More stormwater runoff
- Damage to ecosystems and native species
- Disrupting wildlife habitat





Green Stormwater Infrastructure: "...the range of measures that use plant or soil systems, permeable pavement or other permeable surfaces or substrates, stormwater harvest and reuse, or landscaping to store, infiltrate, or evapotranspire stormwater and reduce flows to sewer systems or to surface waters."

- Source: US EPA

strategies

Benefit	Reduces Stormwater Runoff				Increases Available Water Supply	Increases Groundwater Recharge	Reduces Salt Use	Reduces Energy Use	Improves Air Quality	Reduces Atmospheric CO ₂	Reduces Urban Heat Island	Improves Community Livability					Improves Habitat	Cultivates Public Education Opportunities
	Reduces Water Treatment Needs	Improves Water Quality	Reduces Grey Infrastructure Needs	Reduces Flooding								Improves Aesthetics	Increases Recreational Opportunity	Reduces Noise Pollution	Improves Community Cohesion	Urban Agriculture		
Practice																		
Green Roofs	●	●	●	●	○	○	○	●	●	●	●	●	◐	●	◐	◐	●	●
Tree Planting	●	●	●	●	○	◐	○	●	●	●	●	●	●	●	●	◐	●	●
Bioretention & Infiltration	●	●	●	●	◐	◐	○	○	●	●	●	●	●	◐	◐	○	●	●
Permeable Pavement	●	●	●	●	○	◐	●	◐	●	●	●	○	○	●	○	○	○	●
Water Harvesting	●	●	●	●	●	◐	○	◐	◐	◐	○	○	○	○	○	○	○	●

● Yes

◐ Maybe

○ No

themes from past plans

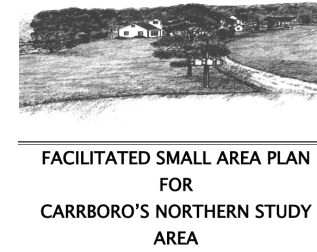


1. build better

Update the comprehensive land use ordinance

Implement policies to change development patterns

Retrofit infrastructure and buildings



FACILITATED SMALL AREA PLAN FOR CARRBORO'S NORTHERN STUDY AREA

Assessment Report: Biological Impairment in the Little Creek Watershed

Cape Fear River Basin
Orange County, N.C.

Issue 7003

Morgan Creek Local Watershed Plan Detailed Assessment Report North Carolina Ecosystem Enhancement Program



July 2004



BOLIN CREEK WATERSHED RESTORATION PLAN

NOVEMBER 1, 2012



Community Climate Action Plan

Reducing Greenhouse Gas Emissions, Saving Energy,
Generating Renewable Energy, and Enhancing Ecosystems

TOWN OF CARRBORO
NORTH CAROLINA

ENERGY AND CLIMATE PROTECTION PLAN

May 28, 2014

ENVIRONMENT

NPDES Phase II



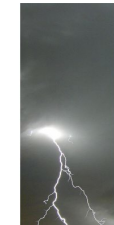
Stormwater Management in Carrboro:



RainReady – Carrboro, NC Town Council Presentation – 5/5/2020

Eno-Haw Regional Hazard Mitigation Plan

Alamance County, Orange County, Durham County



2. repair ecosystems

Conserve and restore watersheds, ecosystems, and native species



FACILITATED SMALL AREA PLAN FOR CARRBORO'S NORTHERN STUDY AREA

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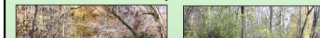
Cape Fear River Basin
Orange County, N.C.

Issue 7003

Morgan Creek Local Watershed Plan
Detailed Assessment Report
North Carolina Ecosystem Enhancement Program

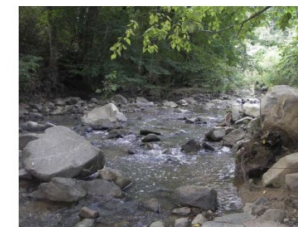


July 2004



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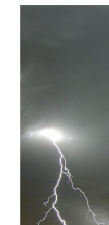


RainReady – Carrboro, NC Town Council Presentation – 5/5/2020



Eno-Haw Regional
Hazard Mitigation Plan

Alamance County, Orange County, Durham County

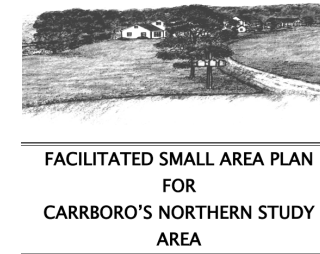


3. focus on community

Support community-based climate actions

Provide financial protections to lower-income residents

Target outreach to marginalized residents



Assessment Report: Biological Impairment in the Little Creek Watershed

Cape Fear River Basin
Orange County, N.C.

Issue 7003

Morgan Creek Local Watershed Plan
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North Carolina Ecosystem Enhancement Program

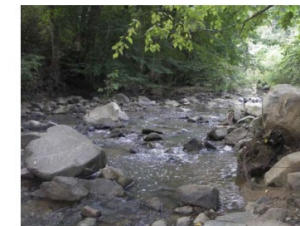


July 2004



BOLIN CREEK WATERSHED RESTORATION PLAN

NOVEMBER 1, 2012



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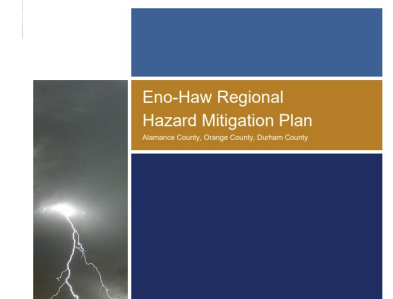
NPDES Phase II



Stormwater Management in Carrboro:



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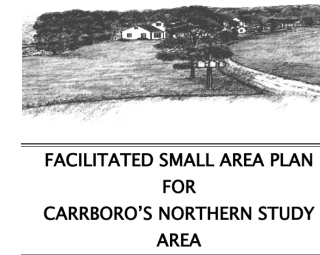


4. municipal leadership

Fund climate resiliency plans + implementation

Coordinate program delivery across town departments + external partners

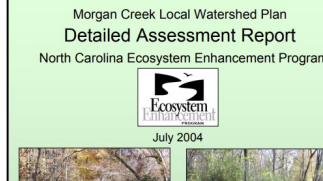
Offer technical assistance and cost-share programs to residents



Assessment Report: Biological Impairment in the Little Creek Watershed

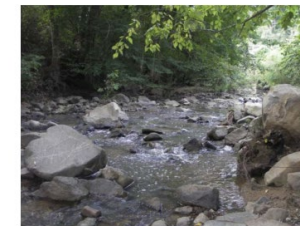
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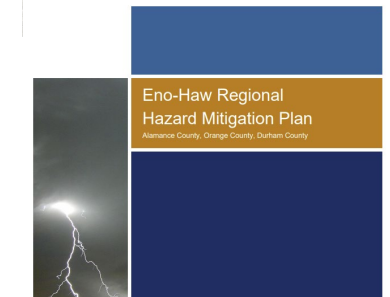
NPDES Phase II



Stormwater Management in Carrboro:



RainReady – Carrboro, NC Town Council Presentation – 5/5/2020





Climate Action Plan, 2017

Climate resilience	a) Pursue watershed restoration actions to protect local streams from changing precipitation patterns due to climate change.
Preservation of natural areas	a) Create a stormwater utility. b) Study the extent to which the deer population and climate change affect natural ecosystems. c) Study and implement a comprehensive organics collection and composting program. d) Support tree preservation, protection, and conservation efforts, including the formation of a community-led tree coalition for the community forest. e) Pursue regulatory and non-regulatory approaches to discourage non-native and invasive plants and encourage native plant use.
Social equity	a) Support efforts to reduce utility cost to integrate climate action and social equity initiatives.

questions



1. What issues that we have discussed today do you think Carrboro making steady progress?
2. What issues do we need to focus on more as a community to have a greater impact?

#6

break-out discussions



Discuss a vision and goals for each of the following:

- social and racial equity (related to environment)
- climate resiliency
- natural resources

Vision – big picture of what we want Carrboro to be

Goals – outcome focused aspirations to achieve vision



#7

report back



Soteria Shepperson

#8

engagement update



Scott Goldstein, Teska

WWW.CARRBOROCONNECTS.ORG



THURSDAY · NOVEMBER 19TH · 7:00 PM

Virtual Community Workshop
Comprehensive Plan Kick-off

Attend by visiting:

WWW.CARRBOROCONNECTS.ORG OR CALL 919-918-7324

Marketing Materials

Digital · Print · English · Spanish



INSTAGRAM

FACEBOOK

TWITTER

NEXTDOOR

POSTERS

POSTCARDS

Social Media

Post within your organization · Share Town's posts

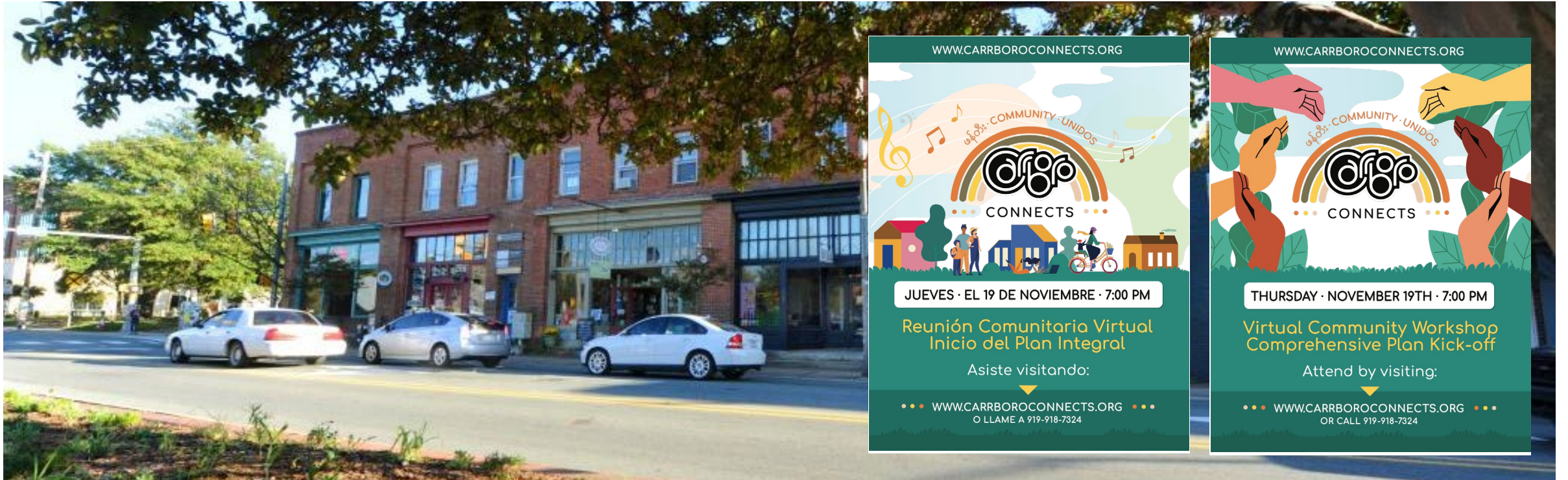


Shape Carrboro's future!
Visit www.carrboroconnects.org
today and participate in the Town's
Comprehensive Plan Kick-Off on
November 19th

HASHTAGS #CARRBOROCONNECTS #COMPREHENSIVEPLAN #CREATINGCOMMUNITYTOGETHER

Posters

Print + Stick · Inside + Outside · Here + There



PLEASE PRINT AND POST AROUND TOWN ALL MATERIALS WILL BE EMAILED FOLLOWING TODAY'S MEETING

Postcards

Can you share postcards?



DO YOU WANT SOME? CURRENT PRINT RUN IS 750-1000 BASED ON TOWN NEEDS AND EL CENTRO

Town Banner · 8 Foot x 4 Foot



● ● ● Join the conversation! Shape Carrboro's Future. ● ● ●

¡Unirse a la conversación! Da forma a nuestro futuro.

စကားပြောဆိုခြင်းမှာ လာရောက်ပါဝင်ပါ။ Carrboro ရဲ့အနာဂတ်ကိုပုံဖော်ပါ



WWW.CARRBOROCONNECTS.ORG · 919-918-7324



Share your vision for the future and take part in Carrboro's first Comprehensive Plan!

[Join Us](#)

WEB SITE SLIDER HIGHLIGHTS

Welcome to Carrboro Connects

Carrboro Connects, our Town's comprehensive planning effort, is focused on listening and learning from YOU to address issues like climate action, race and equity, and economic sustainability. Register today to share and help shape Carrboro's future for generations to come!

[Register to Shape the Future](#)



My Block, My Carrboro

Show us your neighborhood! Drop a pin on your block and leave an idea for improving its future! The comprehensive plan is about connecting both our people and places – and hearing from all parts of our community. Show us your roots.

[Pin Your Block](#)



Register for News

Sign-up today! Receive email updates about the project, upcoming events, and opportunities to engage in-person, online, and via the interactive tools on this website

[Register to Learn More](#)



Create Community Together

The project tagline -- "Create Community Together" -- showcased in Burmese, English, and Spanish, is exactly what the comprehensive plan is all about! This project is about connecting with every person of every age, race, gender, ethnicity, and background to unite and advance quality of life for...

[Register to Share Ideas](#)





graysquirrelcoffee • [Follow](#)

Gray Squirrel Coffee Co.



graysquirrelcoffee The ArtsCenter and muralist Jermaine Powell are creating public art at Gray Squirrel Coffee! If you see JP outside stop by and say hello!

[#gscc](#) [#publicart](#) [#carrboro](#) [#mural](#)

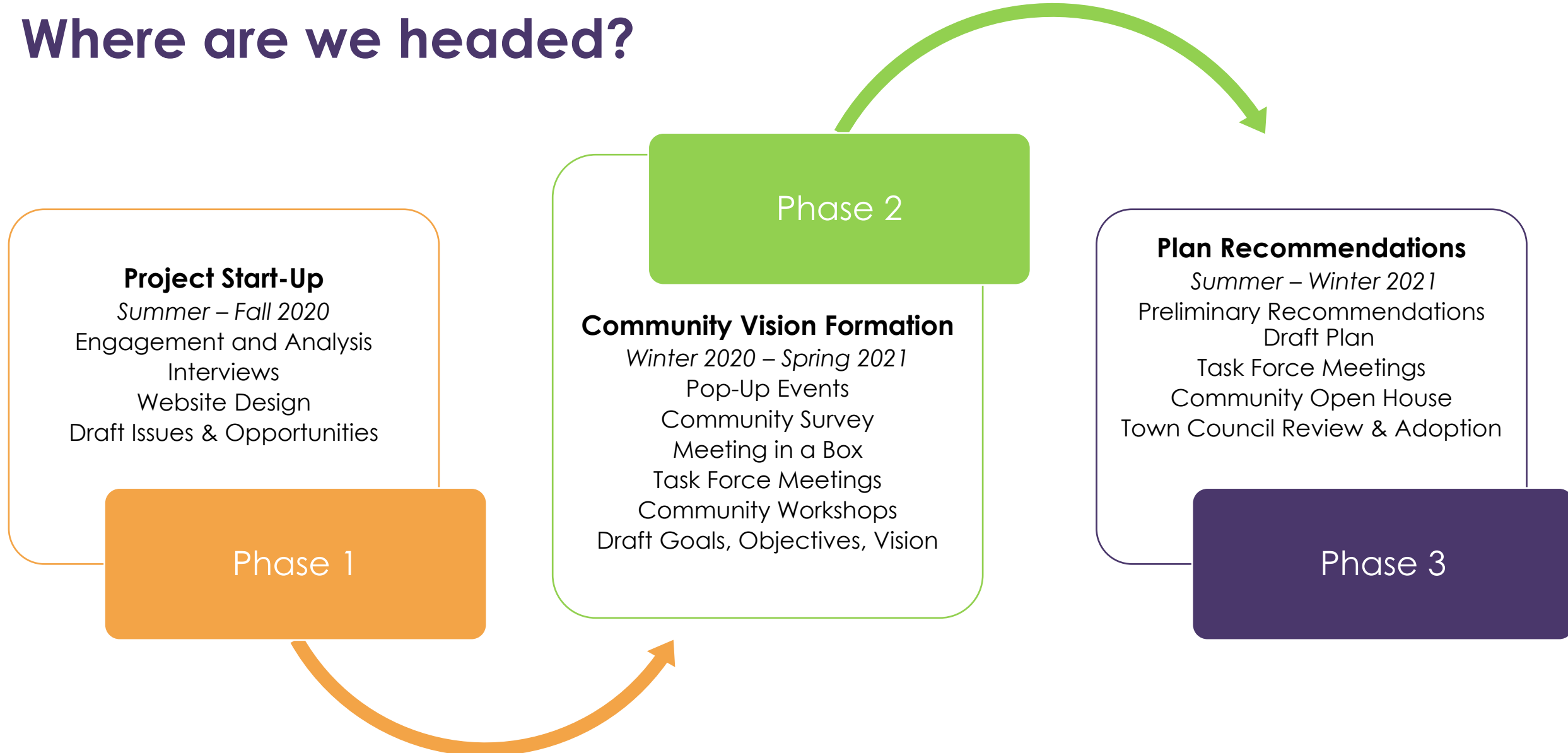
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#9

debrief &
next steps



Where are we headed?



next steps

Upcoming dates:

Nov. 12 @ 5:30, Task Force 3

Nov. 19 @ 7:00, Community Meeting 1

Jan. 19 @ 5:30, Task Force 4

Feb. 18 @ 5:30, Task Force 5

Mar. 18 @ 7:00, Community Meeting 2

1. Finish your three interviews

1. Post Community Meeting announcement on social media

3. Provide an update to and get input from your Advisory Board

4. Distribute postcards and posters if you can

5. Continue to share ideas on how to get people involved in the plan and attend first Community Meeting