

# Charlotte Moves Task Force





# Agenda

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- ▶ **Brief Remarks/Introductions: Mayor Gantt/All**
- ▶ **Presentations**
  - Discussion of Task Force Charge: Taiwo Jaiyeoba/Mayor Gantt
  - Charlotte Future 2040 Comprehensive Plan: Alysia Osborne
  - Overview of City's Strategic Mobility Plan: Ed McKinney
  - Strategic Energy Action Plan: Sarah Hazel
- ▶ **Comments and Questions: Task Force Members/Public**

\*Public can view meeting on Youtube, send comments to [charlottemoves@charlottenc.gov](mailto:charlottemoves@charlottenc.gov) and view material on [https://charlottenc.gov/Mayor/Charlotte\\_Moves\\_Task\\_Force](https://charlottenc.gov/Mayor/Charlotte_Moves_Task_Force)

# Committee Charge

## ▶ Primary Goals



**CIVIC  
ENGAGEMENT**



**REVIEW  
EXISTING PLANS**



**ASSESS  
MOBILITY  
NEEDS**



**DETERMINE  
FUNDING  
NEEDS**



**RECOMMEND  
MOBILITY  
NETWORK TO CITY  
COUNCIL**



# Comprehensive Mobility Plan



**PROVIDE HIGH-QUALITY OPTIONS:** People spend less time in traffic & more quality time with their families and in their communities.



**DELIVER EXCEPTIONAL TRAVEL EXPERIENCES:** All users of the system (transit, walk, bike and micro-mobility) have an integrated mobility network that goes where they want to go.



**FULFILL COMMUNITY GOALS:** Connect Charlotteans to housing and jobs, meeting community's goals of affordable housing, upward mobility and workforce development.

A network diagram consisting of light blue dots connected by thin lines, forming a complex web-like structure that serves as a background for the main title.

CHARLOTTE  
FUTURE

2040  
COMPREHENSIVE  
PLAN

Our City. Our Plan. Our Future.

Charlotte Planning, Design & Development Department  
May 14, 2020

# Charlotte Fast Facts

47% Tree Canopy

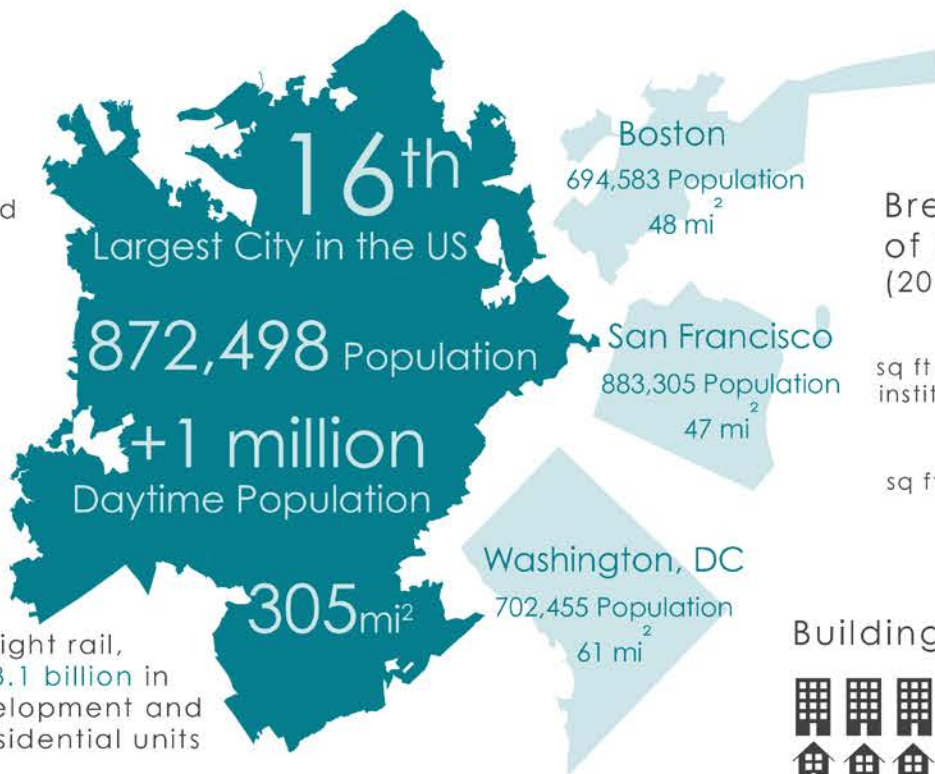
840 Miles of Creek and Streams

2,250 Miles of Sidewalk

2,450 Miles of Streets

19 Miles of Light rail, driving \$3.1 billion in new development and 13,000 residential units

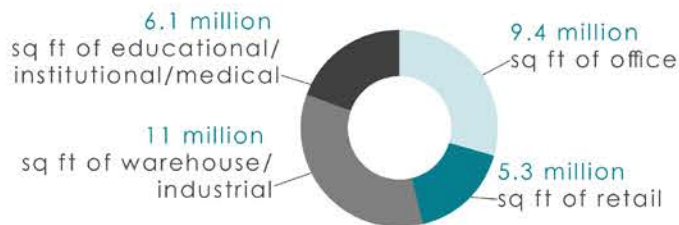
10 Miles of streetcar at completion, driving \$400 million in investment along the corridor



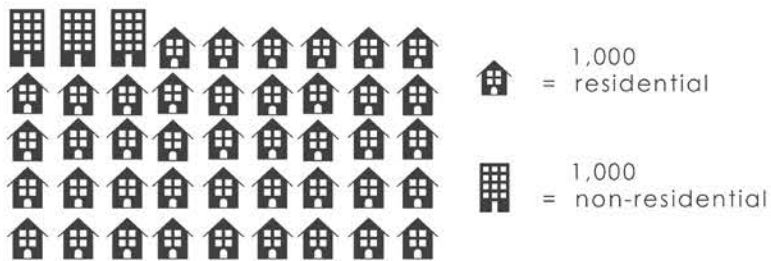
Breakdown of **56,802** New Residential Units (2010-2018)



Breakdown of **32 million sq ft** of New Non-Residential Buildings (2010-2018)



Building Permits (2016 - July 2018)



With a Strong Economy and Workforce

**688,000** Jobs in Mecklenburg County (31% employment growth since 2010)

**492,000** Labor Force and unemployment rate of 3.8%

**322,000** Employees commute to Charlotte everyday

**6<sup>th</sup>** Busiest airport in terms of operations, 10<sup>th</sup> in passenger travel

**128** Freight train trips in Charlotte Region daily

**38,000** Transportation and Warehouse employees in Mecklenburg County

**#1** Place to live and work for tech professionals, according to CompTIA's 2018 Tech Town Index

We are Diverse, and Well Educated

**58.1%** People of Color

**45.0%** Bachelor's Degree or Higher

**34.4** Median Age

**17.1%** Foreign Born

**53.2%** Homeownership



- **Guides our growth** over the next 20 years.
- **A shared vision** of our growth, development and capital investments
- **Transformative strategies** to accommodate growth

## Phase 1

Winter 2018 to  
Spring 2019

Our History  
& Existing  
Conditions

Community  
Vision &  
Values

## Phase 2

Summer 2019  
to Fall 2019

Preferred  
Growth  
Scenario

## Phase 3

Winter 2019 to  
Spring 2020

Policies &  
Strategies

## Phase 4

Summer 2020  
to Spring 2021

Review &  
Adoption

## Ongoing

Implement,  
Monitor, &  
Update

WE  
ARE HERE



2030 Transit System Plan	Strategic Energy Action Plan	Water Supply Master Plan
Transportation Action Plan	Charlotte Walks	Charlotte Bikes
Vision Zero Action Plan	Housing Framework	ALL IN Center City 2040 Vision
ADA Transition Plan	I-77 Mobility Plan	University City Vision (Final Draft)
Meck Playbook	Regional Transit Plan	Comp. Storm Water Plan
Tree Study	Food Systems Study	Strategic Mobility Plan

## OUR GOALS:

- Share project teams
- Leverage community engagement
- Use similar terms
- Seek connections in policies
- Coordinate plan schedules

# COMPLETE NEIGHBORHOODS

- A complete neighborhood provides residents safe and convenient access to a variety of housing, jobs, goods, services, and other essentials.



# COMMUNITY ENGAGEMENT TO DATE

**500,000+**  
Interactions\*



**330+**  
Key Stakeholders



**4,500+**  
Voices



**20+**  
Methods of Engagement





- Develop a hybrid of **Connected Corridors** and **Neighborhood Nodes**.
- Accommodate projected growth along our **transit/transportation corridors**.
- Allow **varieties of housing types** in neighborhoods around mixed-use activity centers.
- Create more **walkable and bikeable communities**.



- Missing Middle, Housing Diversity and Affordable Housing
- Strong Support for **10-Minute Neighborhoods**
- Need for **Enhanced Mobility Options**
- More Meaningful Parks and Open Space
- Access to Jobs and Employment



# BALANCED MOBILITY



# 10-MINUTE NEIGHBORHOODS



# 2T-OD TRANSIT AND TRAIL-ORIENTED DEVELOPMENT

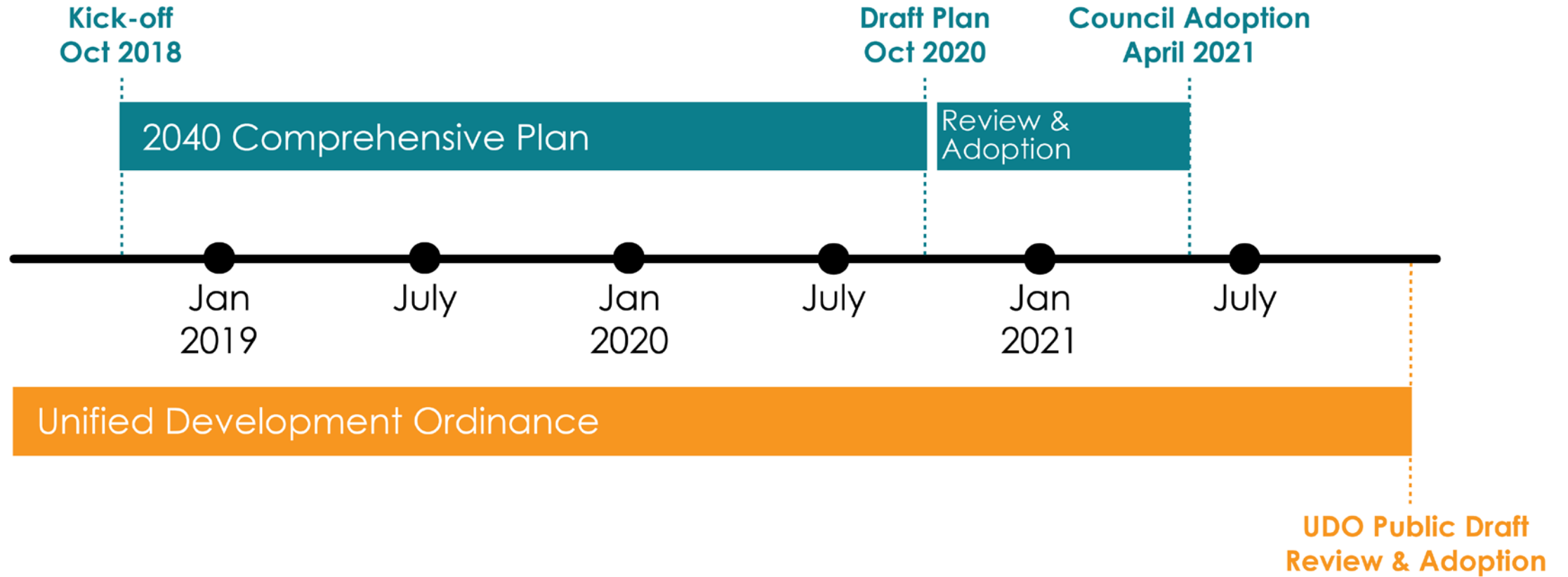


## Virtual Community Engagement

April – August 2020

- Ambassadors & Strategic Advisors Workshops
- #ImagineCLTchallenge - Tik Tok Challenge
- Virtual Scavenger Hunt
- Social Media Games & Quizzes
- Virtual Focus Group Chats
- Growing Better Places Game 2.0
- Chalk –the Walk





# Implementing the 2040 Plan

2040  
Comprehensive  
Plan



**Where** do we  
Grow?

Unified  
Development  
Ordinance



**How** do we  
Grow?

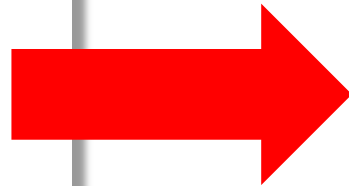
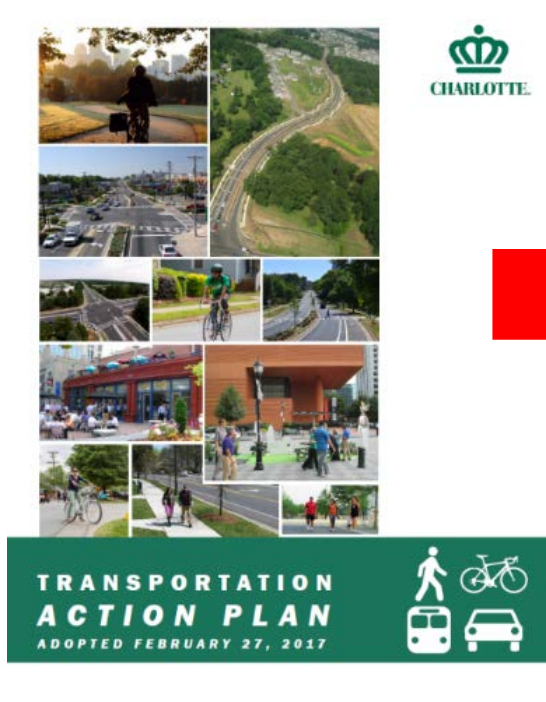
Strategic  
Mobility Plan



How do we  
**connect** it?

# What:

## Update of Transportation Action Plan



# Why:

- **Implement 2040 Plan**

*We will update & align mobility plans & policies to prioritize & achieve expected outcomes of the 2040 Plan*

- **Integrate Policies**

*We will integrate our plans & policies (Walk, Bike, Vision Zero, etc.) to identify & mediate conflicts, incorporate growing needs (transit), & answer emerging questions*

- **Set New Goals**

*We will establish mobility metrics (e.g. shifting mode share), prioritize investment accordingly & measure progress*

# Integrating Mobility Policies & Plans:

**Policy Foundation**



**Emerging Questions & Opportunities**

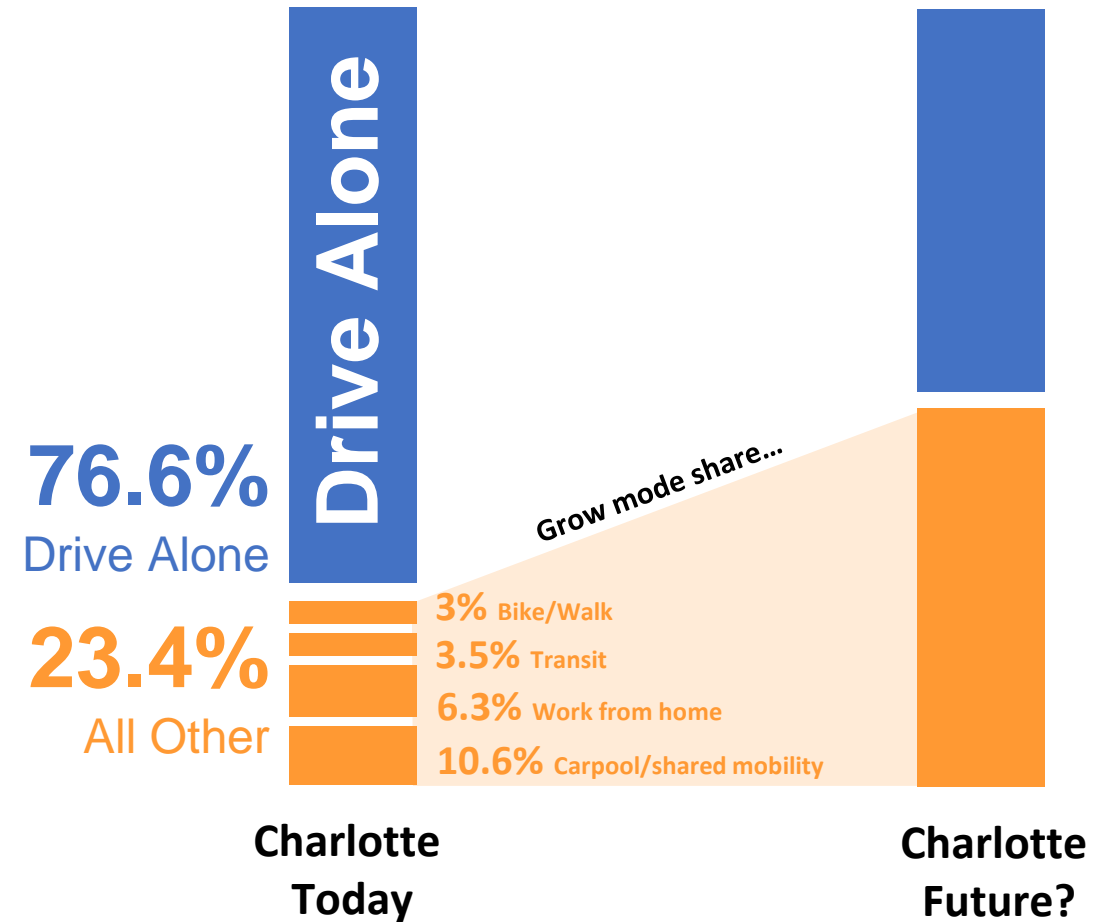
Autonomous Vehicles	Micro Mobility	Shared Mobility	Travel Demand Management (TDM)	Mobility & Equity
Curb Lane Management	Traffic Impact Analysis & Mitigation	Transit Prioritization		Capital Investment Prioritization
		ROW Management		

# Set New Goals?

**Mobility = Moving People...**  
not just Cars

- We cannot build our way out of congestion
- **We need to invest in other travel mode choices and polices**

Travel Mode to Work



## Charlotte Moves Task Force: Goals

### ENGAGEMENT:

Conduct an extensive engagement with the community about the need for a robust mobility network.

### EXISTING PLANS:

Analyze existing transit and transportation plans to determine their connectivity and adequacy.

### ASSESSMENT:

Assess the public's appetite for a more efficient and sustainable mobility network.

### FUNDING:

Determine funding needs and a mechanism for implementing the Strategic Mobility Plan.

### RECOMMENDATION:

Recommend a catalytic network of projects and a funding strategy to the Charlotte City Council.

## Strategic Mobility Plan: Key Outcomes

Phase 1



Phase 2

### + Modernized Policy Plan

- Expanded policies that implement the 2040 Plan, promotes informed decision-making and adapts to new innovations

### + Mode Conflict Resolution

- Identify project (mode) conflicts and tradeoffs and establish a transparent strategy for resolution and decision-making

### + Informed Capital Investment

- Projects and programs selected and prioritized based on achieving the goals and measures of the 2040 Plan



# SEAP

STRATEGIC ENERGY ACTION PLAN

 CITY *of* CHARLOTTE





## **The Sustainable and Resilient Charlotte by 2050 Resolution's Goals:**

1. Strive to become a low carbon city by 2050, with each person emitting less than 2 tons of CO<sub>2</sub>e per year.
2. Strive to source 100% of energy use in municipal buildings and fleet from zero carbon sources by 2030.
3. Develop an Action Plan as a framework to achieve goals.



# SEAP

STRATEGIC ENERGY ACTION PLAN

 CITY of CHARLOTTE

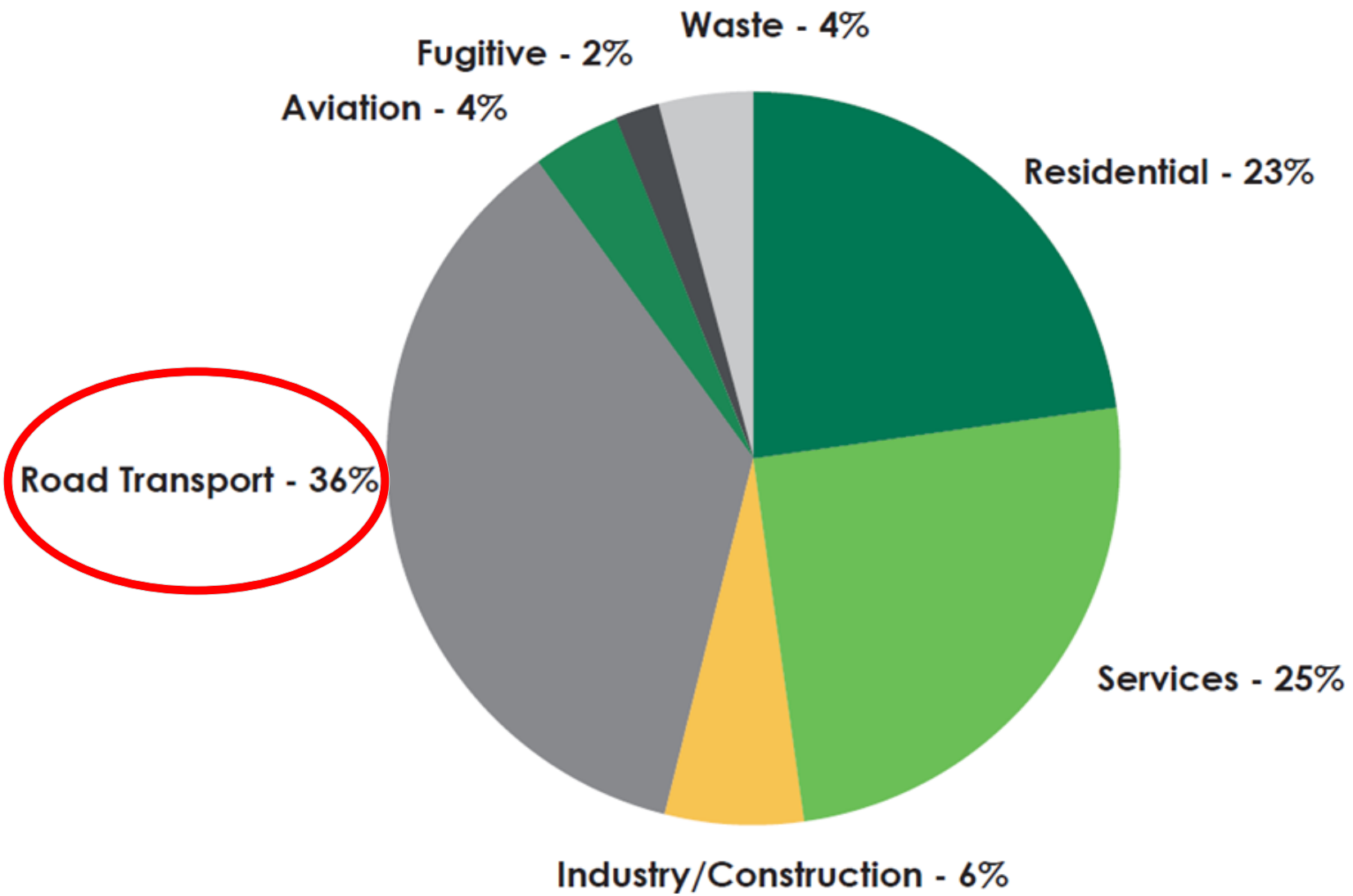
## GOALS

- Strive to source 100% of municipal energy use in buildings and fleet from zero carbon sources by **2030**
- Strive to become a low carbon city by **2050**, emitting less than 2 tons of carbon dioxide equivalent per person

## FOCUS AREAS

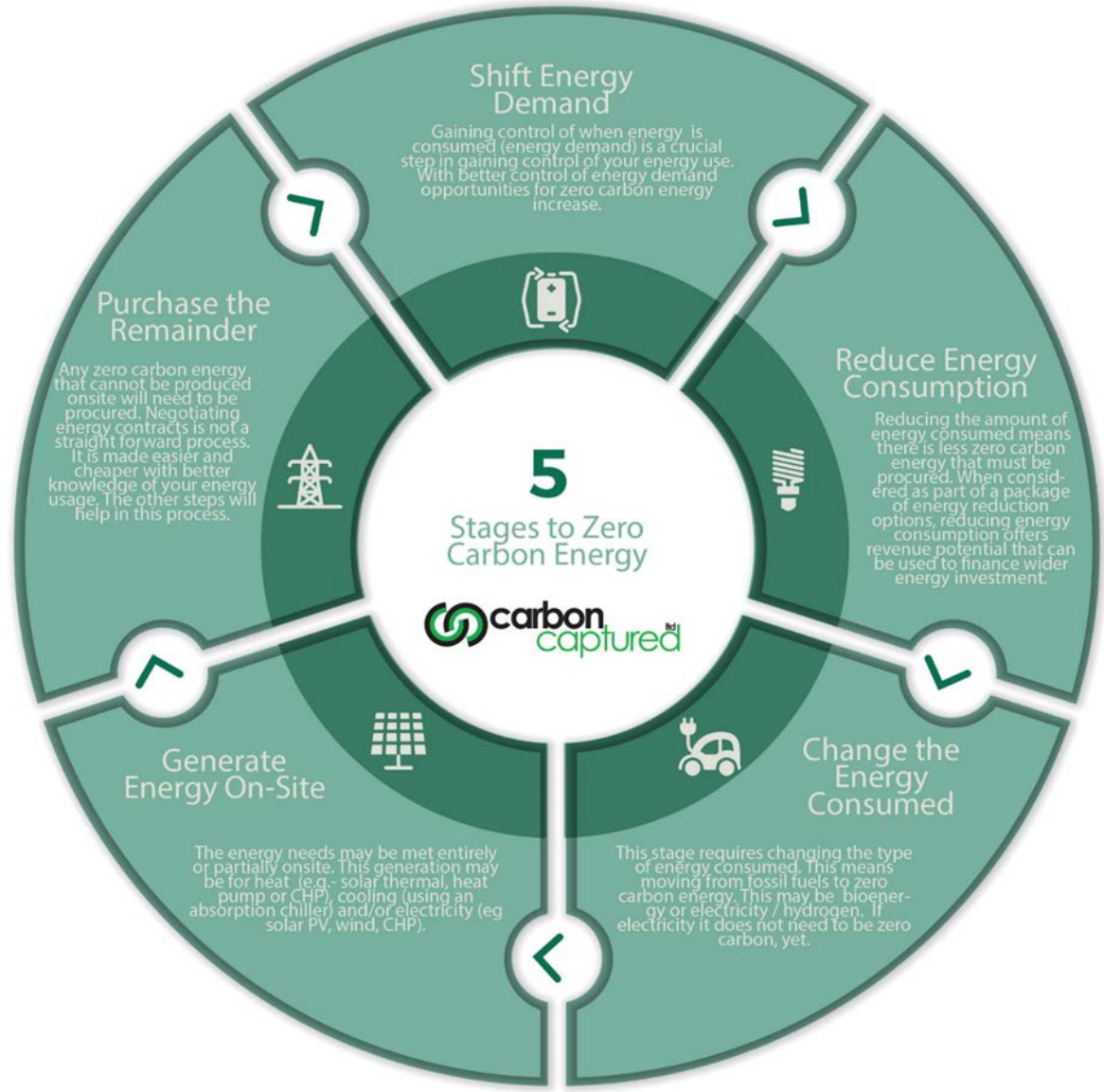
1. Buildings
2. Transportation
3. Energy Generation
4. Workforce Development & Equity

# 2015 GHG EMISSIONS BASELINE





# 5 STAGES TO ZERO CARBON ENERGY



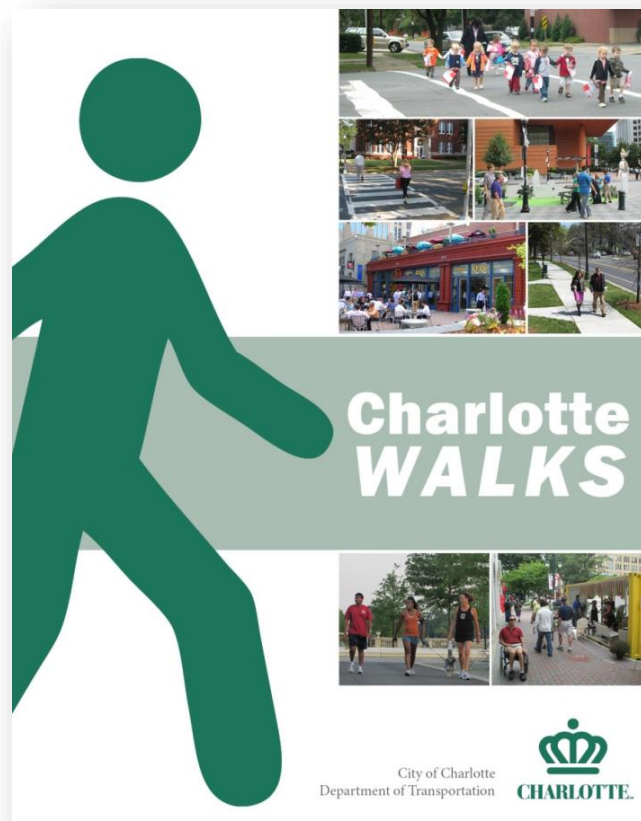
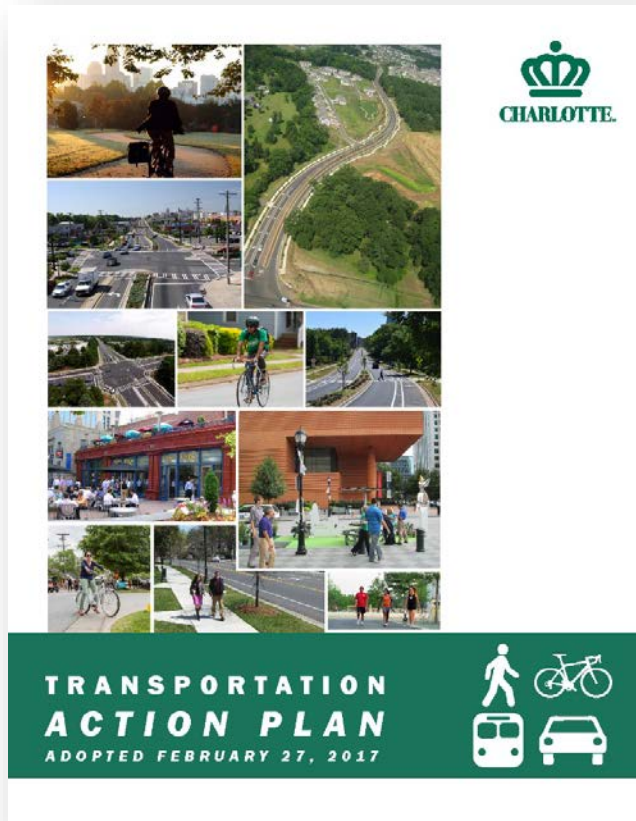
## To reduce emissions from the transportation sector:

- ✓ Change how people move about
- ✓ Improve efficiency in vehicles
- ✓ Change the fuels that are being used
- ✓ Make the last mile of a person's journey zero carbon
- ✓ Provide the new infrastructure required to support alternative modes of transportation
- ✓ Change the existing transportation infrastructure to support a range of transportation choices



# TRANSPORTATION AND MOBILITY CONNECTIONS

**Goal:** Drive greater urban density, address issues of walkability, and improve the quality of life for the residents of Charlotte which helps reduce overall energy consumption and connects to key City strategies.





- ✓ 32% reduction on buses
- ✓ 62% reduction on light rail

Mobility investments advance Charlotte's **Strategic Energy Action Plan** goals.

- ✓ Transition City fleet to electric based on available technology and funding
  - Full transition of airport fleet, testing BEB on CATS routes, replacing light duty
- ✓ Evaluate, align and maximize electric vehicle charging infrastructure investments to support electrification of our fleet and market transformation in our community

\*Proposed Budget FY21

- ✓ 1M investment in electric vehicle infrastructure + 20 electric vehicles





## We Need the Community to Hit the 2050 GOAL

Strive to become a low carbon city by **2050**, emitting less than 2 tons of carbon dioxide equivalent per person.



Approximately 1,200 Charlotte community members came to the Government Center in November to hear Greta Thunberg speak on the global impacts of climate change.



SEAP External Content Group Members carry out initiatives in the community to make Charlotte a low carbon city.



# Summary of Today

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## Strategic Mobility Plan

Guides how we grow, create and connect to great places from an all-encompassing perspective, including land use, development, and transportation

Influences a broad range of City energy actions including transportation and mobility in order to achieve a low carbon future

Tangible implementation plan that aligns with the goals of Charlotte Future 2040, SEAP and others, including the mission of the Charlotte Moves Task Force



# Timeline

## Adopted Plans

### Sustainability

Strategic Energy Action Plan (2019)

### Transit

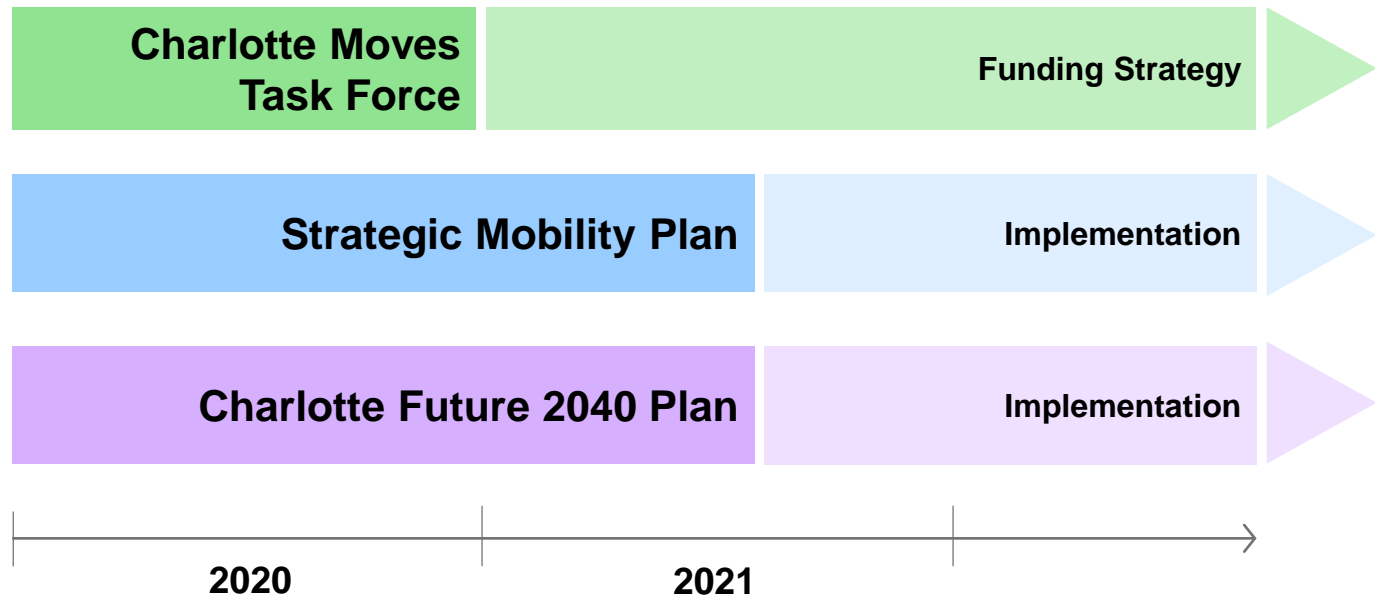
2030 Transit Plan – System Plan Update (2019)  
(Silver Line, North Corridor Strategy, Pineville/Ballantyne Extension)

### Transit Planning On-going:

Silver Line Design  
Bus Priority Study  
North Corridor BRT  
Connect Beyond (Regional Transit Plan)

### Transportation

Transportation Action Plan (2017)  
Charlotte Walks  
Charlotte Bikes





# A Look Ahead

*Drilling down into existing policies and programs...*

**June 23 Meeting – 6pm:**

- 2030 Transit Plan
- Charlotte Walks
- Charlotte Bikes
- Capital Investment Plan



# Questions

