



Raleigh

Planning and Development

# DSAC Monthly Meeting

July 13th, 2023



# Agenda

- Vacancy Report
- CCAP - Clean Transportation Ordinance
- Text Change Information
- Express Review
- Question and Answer

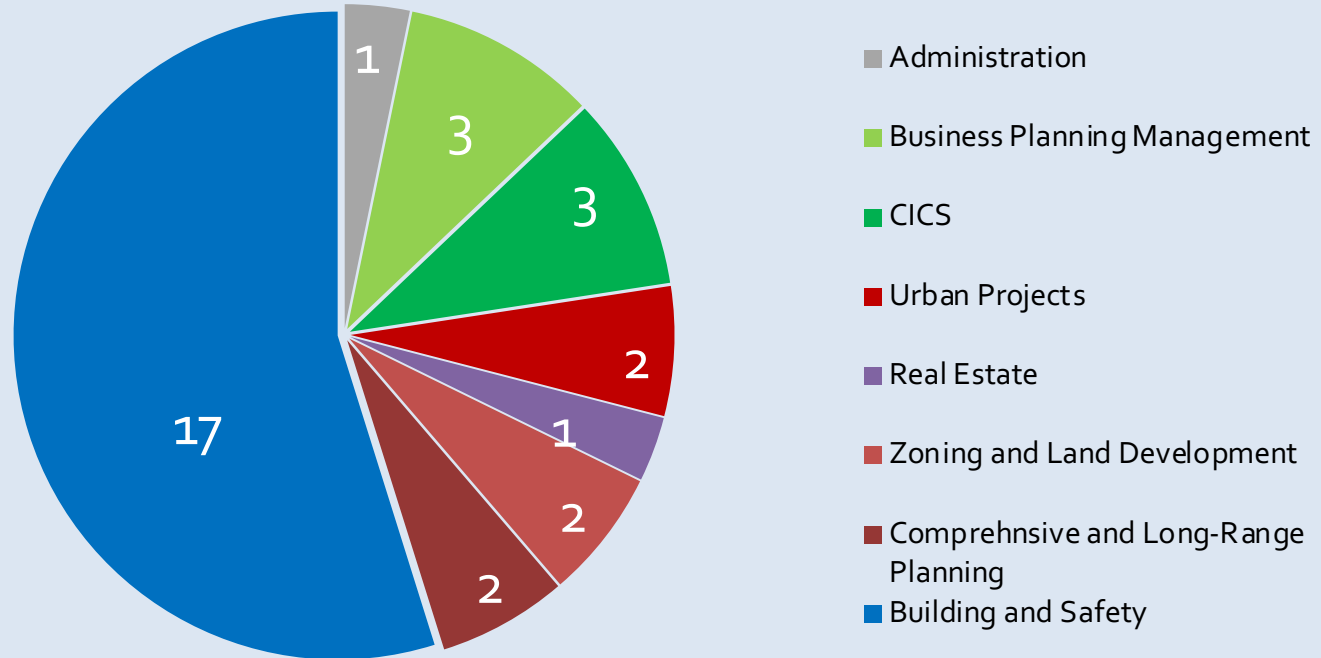
# Vacancy Report





# PlanDev Vacancies as of June '23

PlanDev Vacancies as of June 2023





# Development Related Positions

## Current Vacancies:

- Urban Forestry - (1) Reviewer
- Engineering – (1) Sr. Reviewer / (1) Reviewer

# Clean Transportation Ordinance

*in support of Raleigh's Community Climate  
Action Plan Implementation*



# Office of Sustainability and CCAP

- Community Climate Action Plan (CCAP)
- Past DSAC outreach and thank you for being a high impact climate partner!
- High impact climate levers: transportation, transportation electrification, equity, and economic development. Setting the foundation for action:
  - Transportation Electrification Study, EV Implementation Rollout, EV Ready Playbook, Sustainable Business Toolkit



**Raleigh Climate Plan**  
**Take Action**

## **Raleigh's EV-Ready Playbook**

A Guide for Charging Station Preparation,  
Installation and Management



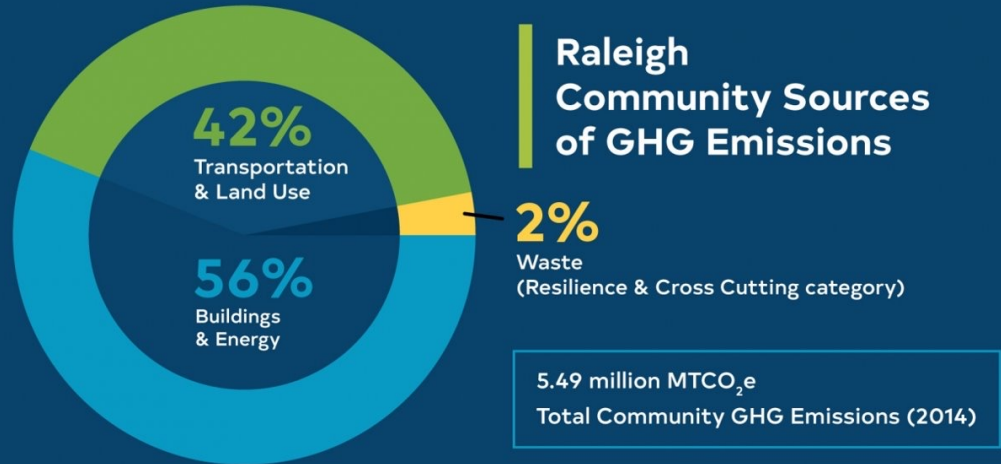


# Background: Climate Action Plan

## Three main objectives:

1. Reduce GHG emissions
2. Build Community Resilience
3. Support Climate Equity

## Sources of emissions:







# CCAP Actions

- Promote, encourage, and incentivize installation and utilization of electric vehicle charging stations in both public and private applications.
- Reduce idling
- Increase non-vehicular mobility
- Promote access to and incentivize non-vehicle modeshare such as walking and biking





# Clean Transportation Ordinance: Purpose and Strategy

## Purpose

- Reduce GHG emissions
- Improve pedestrian safety and comfort
- Reduce idling
- Make more trips feasible by walking

## Approach

- EV infrastructure requirement
- Limiting new drive-thrus in downtown and emerging walkable places
- Improving pedestrian connectivity citywide

# EV Charging: Types of Infrastructure

## EV Capable



- Least cost
- Dedicated panel space
- Conduit for wiring



Part of package

## EV Ready

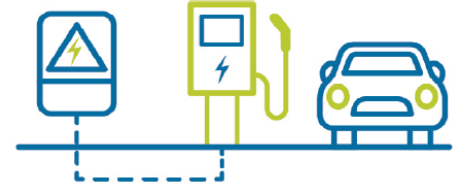


- More cost
- Includes wiring/outlet
- Vehicles can charge



Part of package

## EVSE Installed



- Highest cost
- Includes charger

Market provides



# EV Infrastructure Costs

	During New Construction	During Retrofit	Savings	% of per unit cost
EV Capable	\$300-\$600*	\$2,500-\$3,500	\$2,200 or more	.3%
EV Ready	\$1,300-\$2,000	\$6,300-\$8,000	\$5,000 or more	1.3%
EV Charger Installed	\$1,900-\$2,600	\$6,900-\$8,500	\$5,000 or more	1.9%

\*Estimates developed by Advanced Energy for Raleigh's EV Ready Playbook

# Peer City Approaches

## Multifamily/Hotel

## Office/Retail

	Capable	Ready	Charger Installed	Capable	Ready	Charger Installed
Charlotte	20%	-	2% for 50+	-	-	-
Holly Springs		20%	5%		10-15%	0-5%
Orlando	20%		2% for 250+	20%		2% for 250+
Miami Beach	-	20%	2% for 20+	-	-	-
Denver	80%	15%	5%	10%	10%	5%
Proposed*	20%	5%	-	-	-	-

\*Applies only to any provided spaces; Raleigh has no requirement to provide parking  
 Other NC cities with EV requirement: Wilmington, Apex, Carrboro, others in process



# Implementing Raleigh's EV Plans



- 2019 Transportation Electrification Study called for supporting community electrification and leading the transition with the City's fleet
- City of Raleigh EV Implementation Rollout: City implementing recommendations on its own 2,000+ vehicles and 4,000+ total motorized engine fleet



# Process timeline

- February 2023: Council directed staff to refine transportation-related climate opportunities from CCAP
- Spring 2023: Option refinement
- July 2023: DSAC check in
- August 2023: Presenting options to Council to initiate a text change to UDO and start community engagement process
- Fall: Specific text change language development
- Fall/winter: Additional outreach to stakeholders and public (web page, Planning Commission Text Change Committee, DSAC)
- Winter: Return to Council for public hearing

# Text Change Update





# Express Review



# Questions?



<sup>TM</sup>  
Raleigh