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## Sustainable and Resilient Charlotte Initiatives & Achievements

### Structural Change

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- ❖ Launched Strategic Energy Action Plan (SEAP) Operations Team
- ❖ Began Setting SEAP Operations Team Agenda

### Citywide Communications Campaign Toward a Low Carbon Future

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- ❖ Completed SEAP Communications Plan
- ❖ Began Community Awareness Efforts on SEAP/Climate Challenge
- ❖ Continued Strategic Website Development

### Develop Smart Data Approaches

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- ❖ Conducted Fleet Telematics (GPS) Pilot to Receive Data on Fleet Use and EV and Infrastructure Opportunities
- ❖ Completed CDP (Formerly Carbon Disclosure Project) Emissions Inventory and Questionnaire
- ❖ Developed Draft of Total Cost of Ownership Finance Model for Buildings and Fleet
- ❖ Utilizing American Cities Climate Challenge Data Dashboard to Track Progress

### Strive Toward 100% Zero Carbon Municipal Buildings by 2030

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- ❖ Signed Contracts for Condition Assessments and Energy Audits at 7 Cultural Facilities
- ❖ Attended Solar Bootcamp to Discuss Common Priorities, Technical Complexities, and Equity with Peers

### Strive Toward 100% Zero Carbon City Fleet by 2030

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- ❖ Ordered EV Bus Chargers and EV Buses at Airport
- ❖ Secured Clean Fuel Advanced Technology (CFAT) Grant Awards
- ❖ Integrated 3 New EVs in the City's Motor Pool
- ❖ Received 2019 Smart Fleet Champion Award from the NC Clean Energy Technology Center

### Near Zero Carbon Non-Municipal Buildings by 2050

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- ❖ Conducted SEAP External Content Group Meeting for Buildings and Developed Initial Community Led Actions

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### **Facilitate Rapid Uptake of Sustainable Modes of Transportation**

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- ❖ Conducted SEAP External Content Group Meeting for Transportation and Developed Initial Community Led Actions
- ❖ Planning National Drive Electric Week Event to Collect Data on Behaviors Around EVs and Encourage EV Adoption
- ❖ Duke Proposed Pilot to Utilities Commission to Promote A Network of Fast-Charging EV Stations

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### **Develop and Implement Strategy for Deploying Low Carbon Infrastructure Generation**

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- ❖ Researched Duke Energy's Green Source Advantage Program and Completed RFP to Partner with a Solar Developer for Utility Scale Solar
- ❖ Participated in Governor Cooper's Executive Order 80 North Carolina Clean Energy Workshop
- ❖ Conducted SEAP External Content Group Meeting for Energy Generation and Developed Initial Community Led Actions

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### **Develop Green Workforce Pipeline in Support of Energy Transition**

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- ❖ Conducted SEAP External Content Group Meeting for Workforce Development and Equity and Developed Initial Community Led Actions
- ❖ Secured Corporate Advisory Partners to Inform P.I.E.C.E. 2.0 to Train Individuals in Building Efficiency, Solar Energy, and Other Emerging Technologies

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### **Establish Public-Private-Plus Partnerships to Accelerate Transition to a Low Carbon Future**

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- ❖ Established an MOU with Duke Energy
- ❖ Joined the Rocky Mountain Institute's eLab Accelerator to Share Best Practices
- ❖ Continued to Grow the Green Crown Program – Currently 18 Establishments
- ❖ Participated in Environmental Defense Fund Roundtable & NC Cities Initiative
- ❖ Signed NRDC MOU for Climate Challenge
- ❖ Expanded Freshlist Program to Connect Employees to Locally Grown Food
- ❖ Raised Awareness Through America Recycles Day & Tours at the Materials Recovery Facility
- ❖ Completed First Mayoral/Managerial Stocktake with Climate Challenge Action Owners