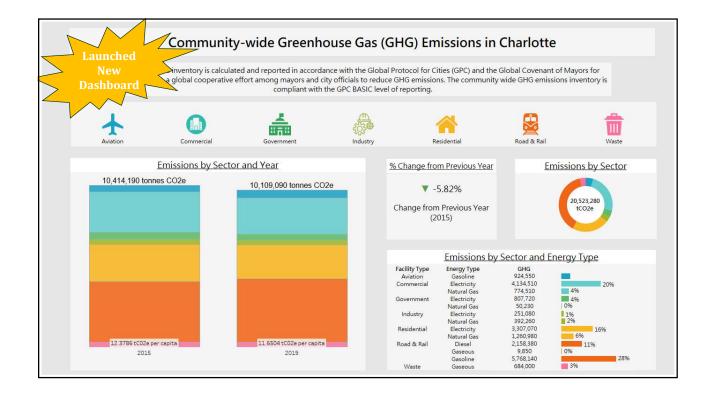


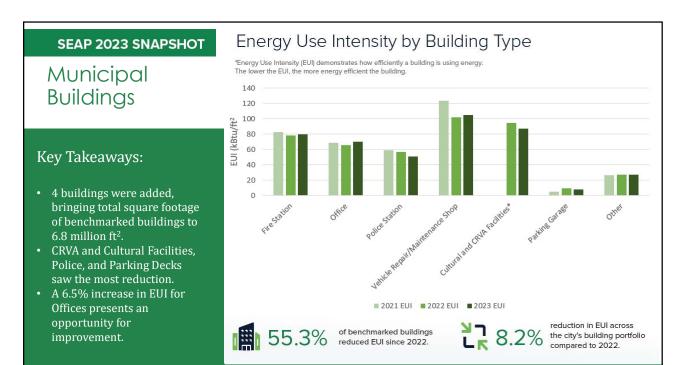
# Strategic Energy Action Plan Update

JUNE 24, 2024









#### CITY of CHARLOTTE

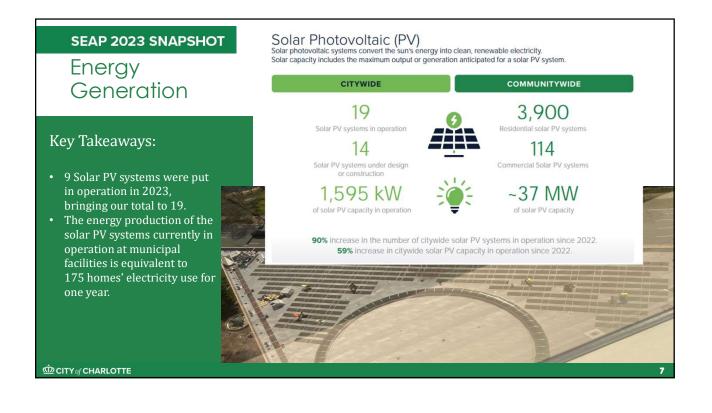
## SEAP 2023 SNAPSHOT

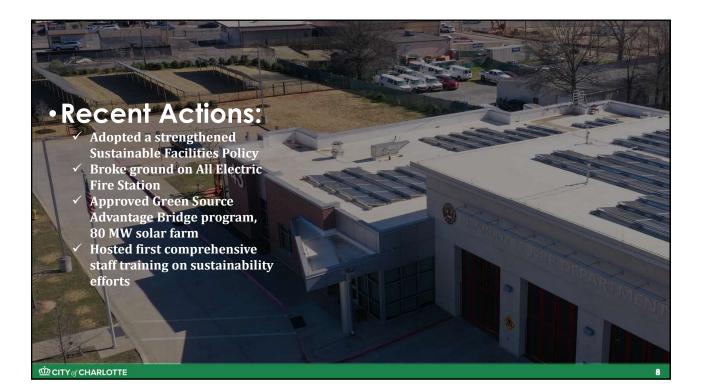
## CRVA Sustainability

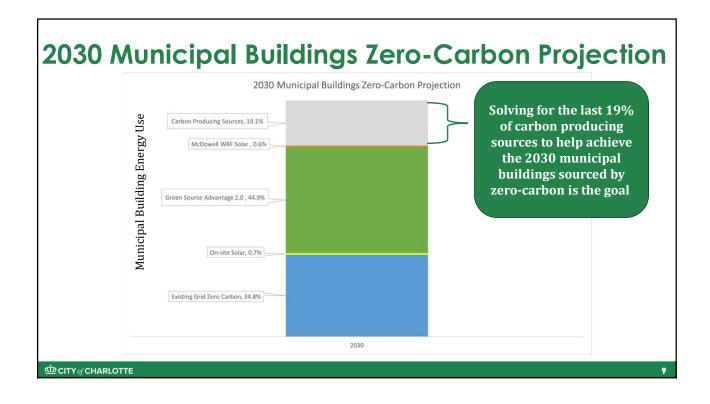
- CRVA employees learned about sustainability in CRVA facilities and throughout the community during a luncheon in Fall 2023.
- EUI for CRVA and Cultural facilities dropped by 7.6% compared to 2022. These facilities represent 52.2% of the total square footage of benchmarked facilities.

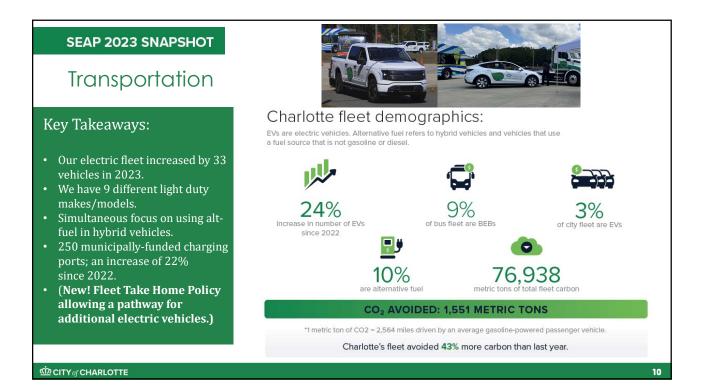
#### CITY of CHARLOTTE











### 5

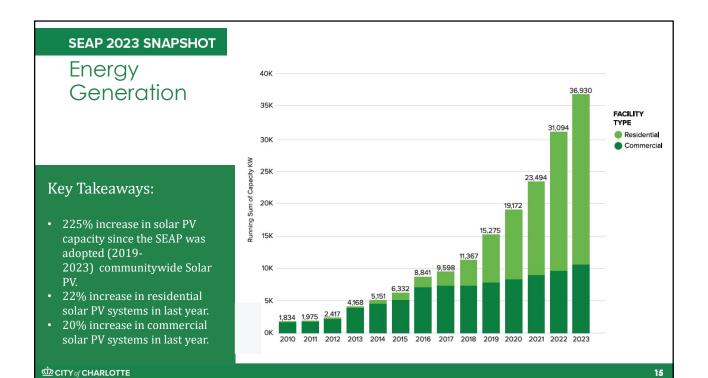
seap 2023 SNAPSHOT Workforce Development	eserve A C A D E M Y
	Battery Electric Bus (BEB) training 100% of new hires trained 529 staff and contractors trained 14 existing staff received refresher training 114 existing staff formally recertified



# SEAP 2023 SNAPSHOT In Community, In Corridors, In Partnership Launched Electric-Bike Program in Corridors of Opportunity in partnership with DreamKey Partners and Wells Fargo Championship. Launched High Energy Use, Income Qualified Program in partnership with Duke Energy to address energy burden -54 homes completed to date. Installed second PoleVolt electric vehicle charger adjacent to Seigel Point Apartments, free to the public through Duke Energy pilot.

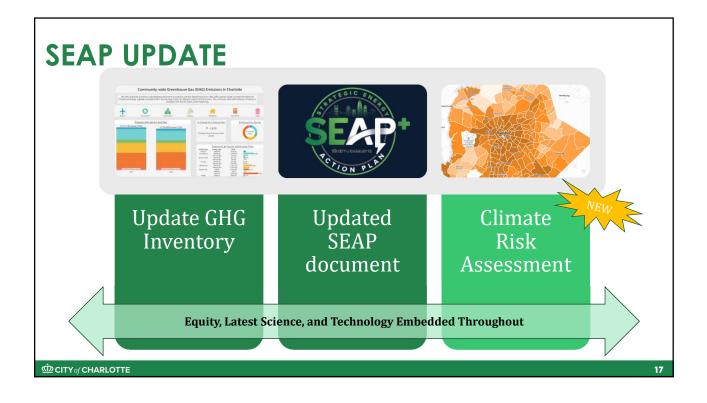
#### **SEAP 2023 SNAPSHOT** Communitywide Buildings POWER DOWN THE CROWN **Power Down the C**rown: Unitarian Universalist • Power Down the Crown is the Community of Charlotte city's voluntary benchmarking program for municipal buildings and buildings reported on by 招出 · 前 前 . inan our community partners. Open Door School **UUCC** achieved a 234 • Nine partners benchmarked their baseline year for 25 32.9% Energy Use properties for a total of 4,713,412 ft<sup>2</sup>. Intensity (EUI) reduction

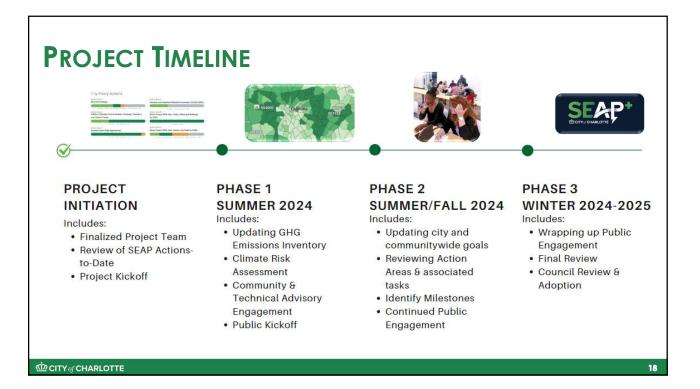
CITY of CHARLOTTE





CITY of CHARLOTTE







## SEAP 2023 SNAPSHOT

Awards, Reports, Recognition, & Grants



#### CDP

- Charlotte received "A-" for the second year in a row
- "... Has demonstrated best practice standards across adaptation and mitigation, has set ambition goals and has made progress toward achieving those goals."



#### ULI Net Zero Imperative Report

 Urban Land Institute held a Roadmap to Net Zero for New Commercial Buildings Technical Assistance Panel May 30-31, 2023



#### Cities for Smart Surfaces

 Charlotte is one of 10 cities selected for the Cities for Smart Surfaces program, supported by the National League of Cities and the Smart Surfaces Coalition.

#### BLOOMBERG AMERICAN SUSTAINABLE CITIES

Bloomberg American Sustainable Cities

 Charlotte has been selected as one of 25 US cities to join Bloomberg American Sustainable Cities

## GREEN FLEET

Green Fleet Award

- Charlotte is ranked 31st in the National Fleet Management Association's NAFA Green Fleet Awards.
- This is a significant improvement from our rank of 40th in 2021.

## 

American Council for an Energy-Efficient Economy (ACEEE) 2024 City Clean Energy Scorecard

- Charlotte has moved up in ranking to 25, an improvement of 17 positions from the previous ranking
- The city ranked 14th in local government operations, underscoring Council's sustainability investments in the SEAP 2030 goals, specifically city facilities

20

m city of CHARLOTTE

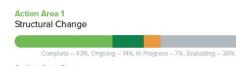


## THANK YOU FOR YOUR TIME

### SEAP 2023 SNAPSHOT

Progress in the last 5 years

## **City Policy Actions**



Action Area 2 Initiate a Citywide Communication Campaign Towards a Low Carbon Future

## Complete – 33%, Ongoing – 66%

Action Area 3 Develop Smart Data Approaches

Ongoing – 93%, In Progress – 7%,

# **Internal Policy Actions**

Action Area 4

Develop and Implement Resilient Innovation Districts (RIDs)

#### Complete – 33%, Evaluating – 66% Action Area 5 Strive Toward 100% Zero Carbon Municipal Buildings

by 2030

Action Area 6

Strive Toward 100% Zero Carbon City Fleet by 2030

Complete – 18%, Ongoing – 24%, In Progress – 29%, Evaluating – 29%

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22

