



Green Cincinnati Plan 2023

Update for Climate, Environment, & Infrastructure Committee | May 7, 2024



GREEN CINCINNATI PLAN



| BUILDINGS & ENERGY



| CITY OPERATIONS



| COMMUNITY ACTIVATION



| FOOD



| NATURAL ENVIRONMENT



| MOBILITY



| RESILIENCE & ADAPTATION



| ZERO WASTE

50% carbon emissions reduction by 2030, 100% carbon neutral by 2050.

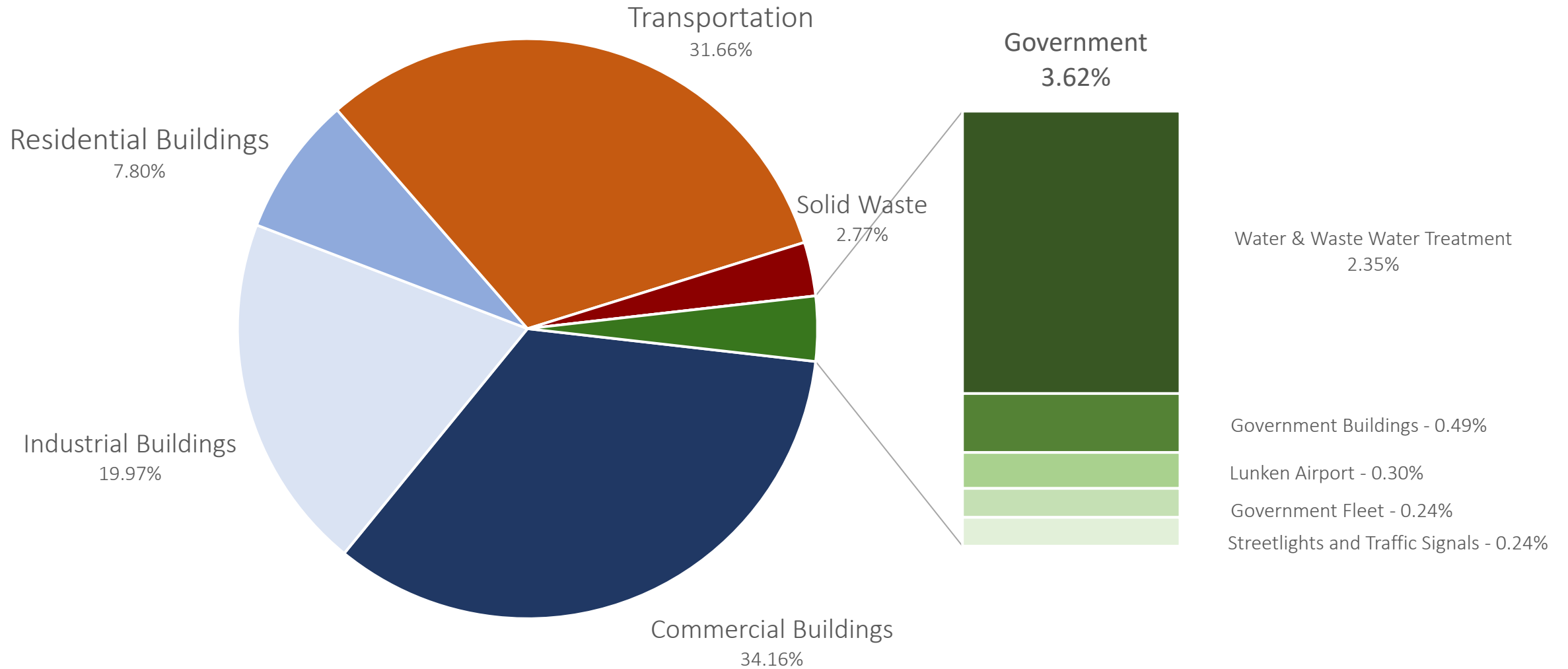
Sustainability. Equity. Resilience.



Cincinnati Carbon Profile

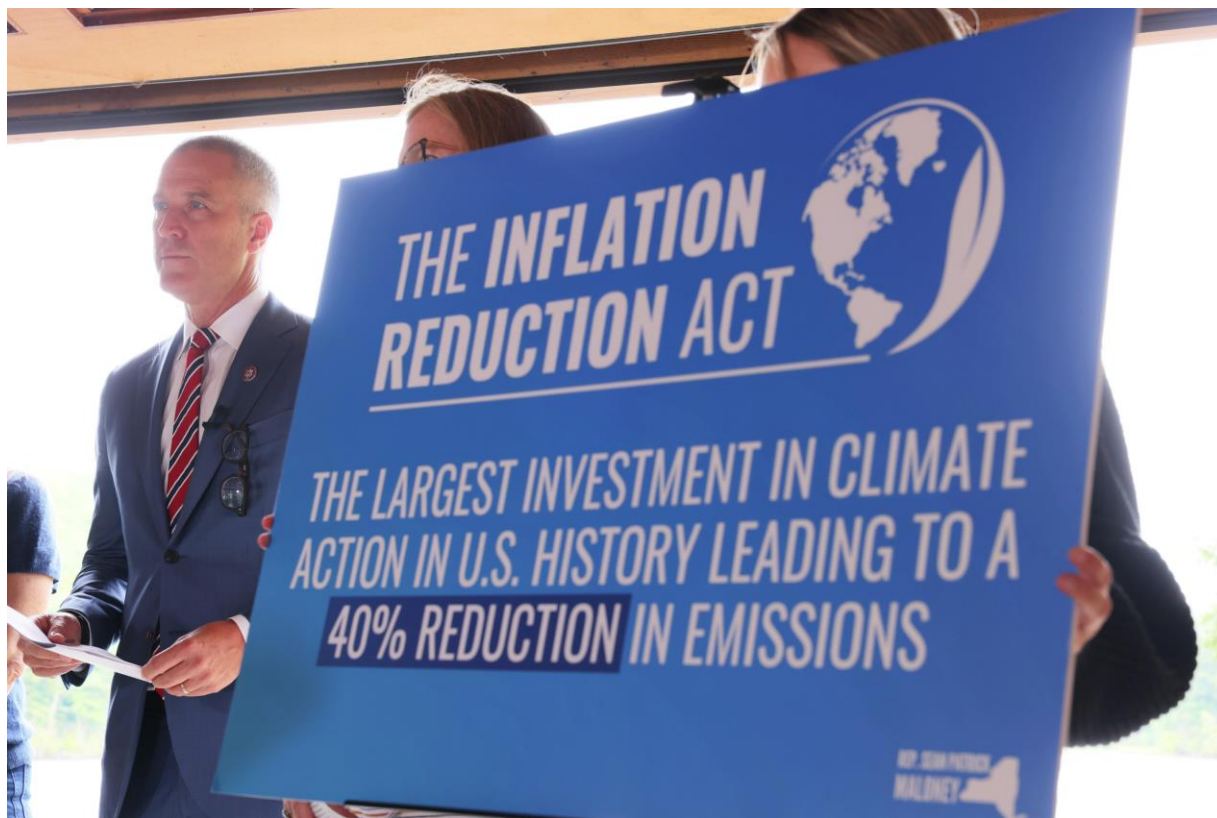
5.9M

metric tons of carbon
emitted in Cincinnati in 2021





Federal funding opportunity



- **Infrastructure Investment & Jobs Act** - \$1.2T
- **Inflation Reduction Act**- \$369B
- **Justice 40** – requirement that 40% of federal funding goes to communities most in need



Green Cincinnati Goal:
Secure \$25M of funding toward
GCP implementation by 2028



Phase 1: Priority Climate Action Plan (PCAP) submitted to EPA in March

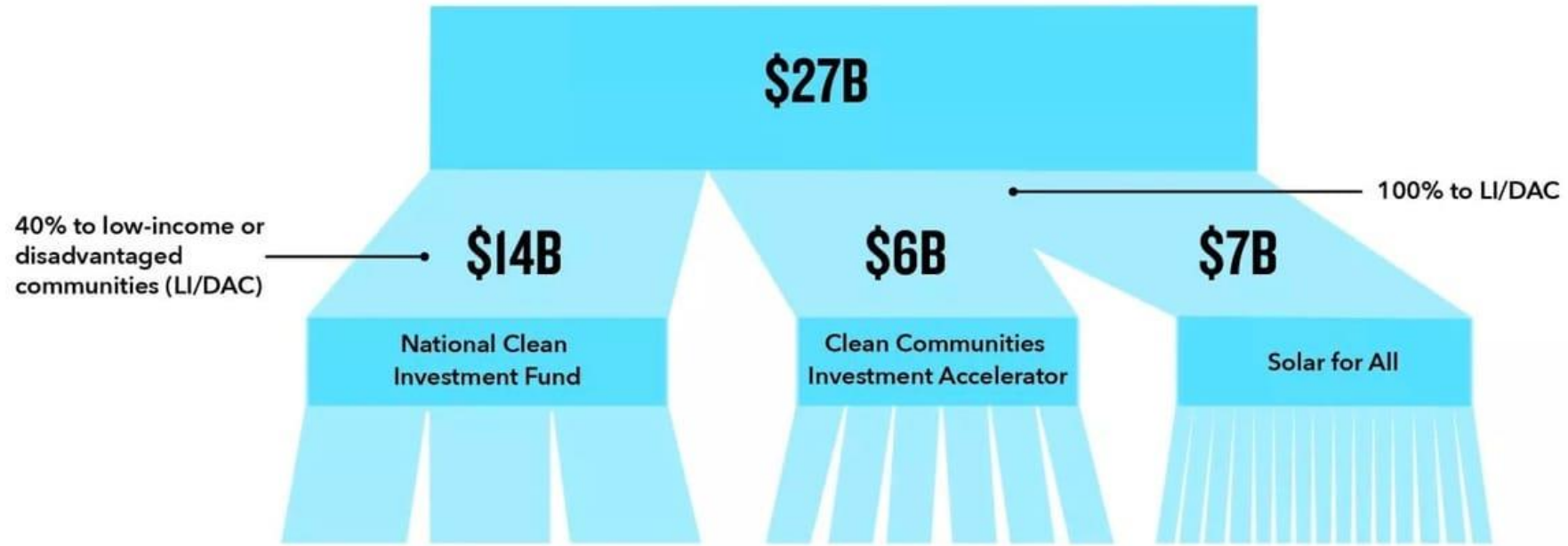
Phase 2:

**Total Cincinnati MSA Application led by OKI:
\$180M**

1. Low-income energy efficiency: \$23M
2. Renewable energy on public and non-profit buildings: \$48M
3. Transit improvements and incentives: \$67M
4. Industrial Decarbonization: \$25M
5. Food and Organic waste diversion: \$15M
6. Tree planting: \$2.5M

GREENHOUSE GAS REDUCTION FUND (GGRF)

A critical tool for filling gaps in access to green capital, with almost 70% of funds dedicated to projects in low-income and disadvantaged communities that lack access to financing.



PROJECT EXAMPLES



Community-Owned Solar



Small Business Loan - Transportation



Existing Building Decarbonization



Single-Family Home Loan

Green Banks

- \$20B of green bank funding announced
- Both of the applications the City supported received funding:
 1. **Coalition for Green Capital** - includes Ohio Air Quality Development Authority
 2. **Power Forward** - includes LISC, United Way, Habitat for Humanity



DISTRIBUTED ENERGY RESOURCES

EPA Announces \$7 Billion Solar for All Grants

- Significant funding for low-income solar
- Two applications Cincinnati supported
 - Ohio Air Quality Development Authority - \$156M
 - Industrial Heartland Solar Coalition - \$156M
- Expected local investment of ~\$20M, benefitting 3,000 low-income households

BLOOMBERG AMERICAN SUSTAINABLE CITIES

What:

- Invest in transformational solutions and practices that will deliver **climate and racial wealth equity** outcomes for communities.
- Advance **new models of collaboration** by strengthening the capacity of cities, community-based organizations, and other stakeholders to work together to **co-create and implement solutions**.
- Leverage and **mobilize public, private, and philanthropic resources** to advance climate resilience and racial wealth equity.

How:

- 3 Bloomberg Center for Public Innovation staff embedded in Cincinnati for 3 years
- \$300-500K of financial support to accelerate climate equity work
- Technical Assistance from suite of partners including: PolicyLink; NRDC; Elevate; Delivery Associates



Bloomberg American Sustainable Cities Proposed Cincinnati Focus Areas

- 1. Quality Green Job Development:**
Developing programs with partners that focus on creating green jobs and a workforce prepared to benefit in clean energy and sustainable industries, specifically targeting BIPOC communities for training, business development, and living wage jobs in these same communities. This would provide economic opportunities while advancing climate goals.
- 2. Support for Minority-Owned Businesses:**
Creating and expanding support programs for minority-owned businesses, especially Black businesses, in green industries. This includes access to capital, training, and mentorship to foster growth and sustainability in alignment with climate goals.
- 3. Addressing energy poverty:**
 - a. Improving Energy Performance of Multi-Family buildings:** Expanding programs to reduce the energy costs of low-income rental housing.
 - b. Community Solar Projects:** Utilizing IRA funding opportunities to accelerate community renewable energy projects to deliver clean energy and cost savings to low-income households.
- 4. Climate Resilience in Vulnerable Communities:**
Developing strategies to enhance climate resilience in communities most affected by climate change (urban heat, sewer backups, overland flooding) with a focus on public health, informed by deep community engagement.



GREEN CINCINNATI PLAN

Seeds of Change

Grant Program

Purpose:

To encourage residents and partners to initiate community-led projects that bring the Green Cincinnati Plan to life.

Priority:

To support resident-driven solutions that focus in large part on impacting those communities most affected by climate change.

Project support:

\$1,000 to \$20,000

Round 1: OPEN CALL

- 39 proposals received totaling \$462,000 – 4x the amount available!
- Funding decisions communicated mid-June; projects complete by Dec. 2024

Round 2: YOUTH-LED EFFORTS

- Coming mid-summer!
- Supported by Bloomberg Philanthropies Youth Climate Action Fund

Round 3: TBD! Stay informed by visiting here regularly! >>>>> >>>>>>>> >>>>>>>>





GREEN CINCINNATI PLAN
Seeds of Change
Grant Program

YOUTH CLIMATE ACTION FUND

Supported by Bloomberg Philanthropies



The Youth Climate Action Fund will support Cincinnati youth, ages 15 to 24, in designing, producing, and overseeing urgent climate solutions.

- The Youth Climate Action Fund spans 100 cities, 38 countries, 6 continents, and represents over 62 million residents.
- Cincinnati will receive \$50,000 to distribute as microgrants through the Seeds of Change Grant Program this summer to youth led and youth serving initiatives.
- After distributing initial funds, Cincinnati will be eligible to receive an additional \$100,000 to grant out.



Federal Funding

- **Goal:** \$25M secured for GCP implementation by 2028
- **Secured:** ~\$30M
 - Workforce development
 - Heat pump installations
 - Building Performance Standards
 - Composting
 - Brownfield Remediation
 - Solar for All
- **Major Opportunities ahead:**
 - Community Change - \$2B



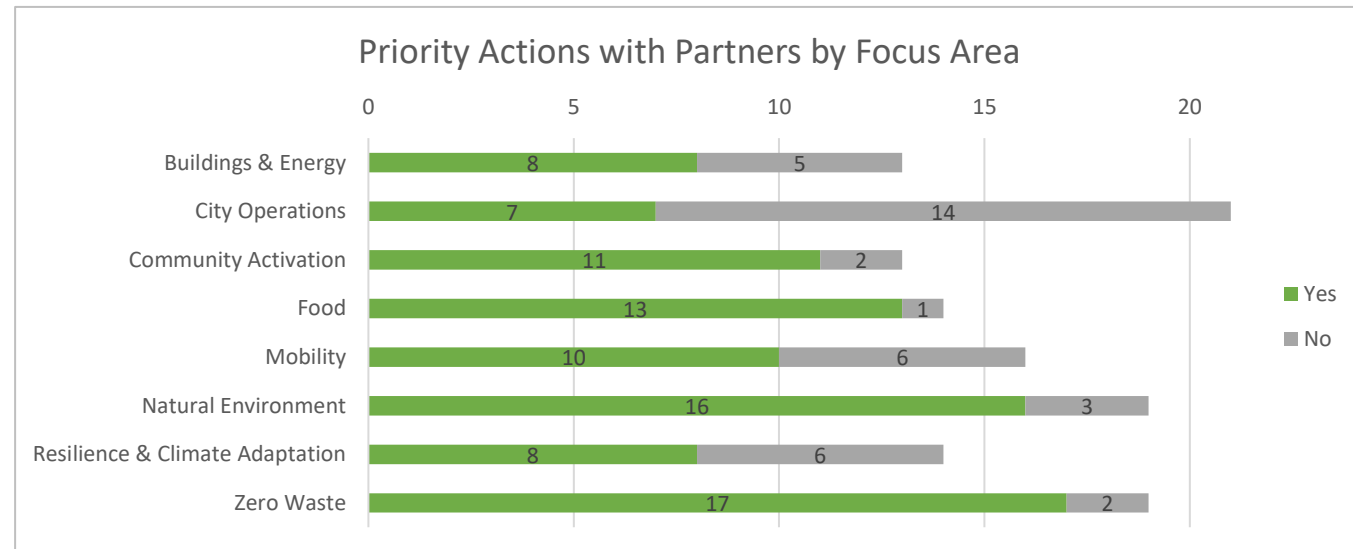
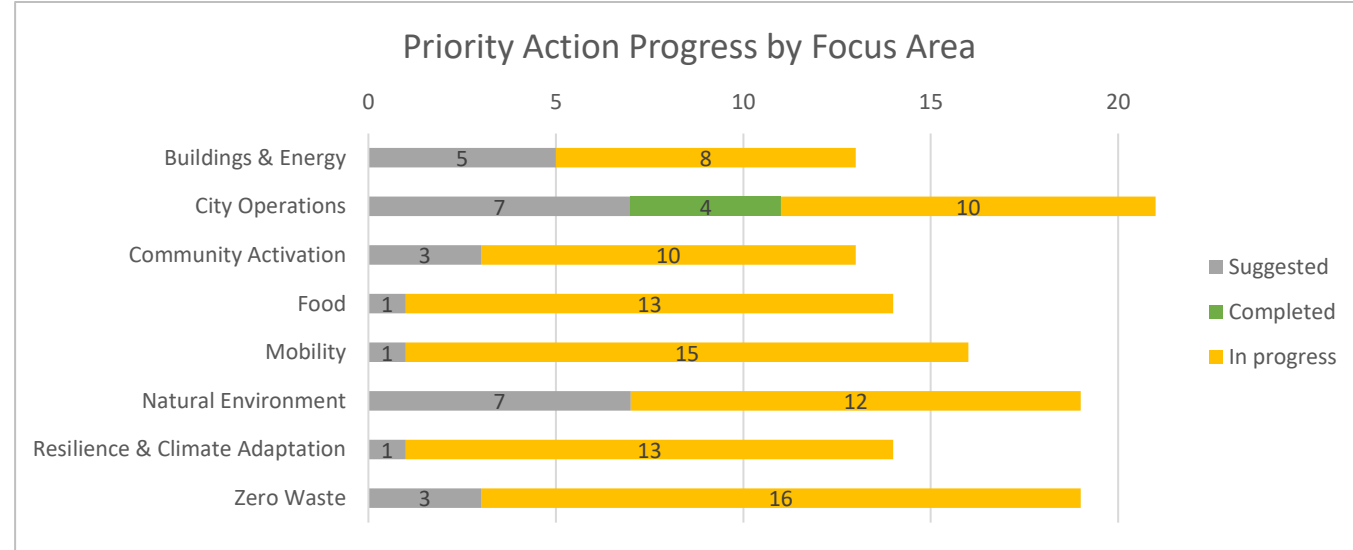
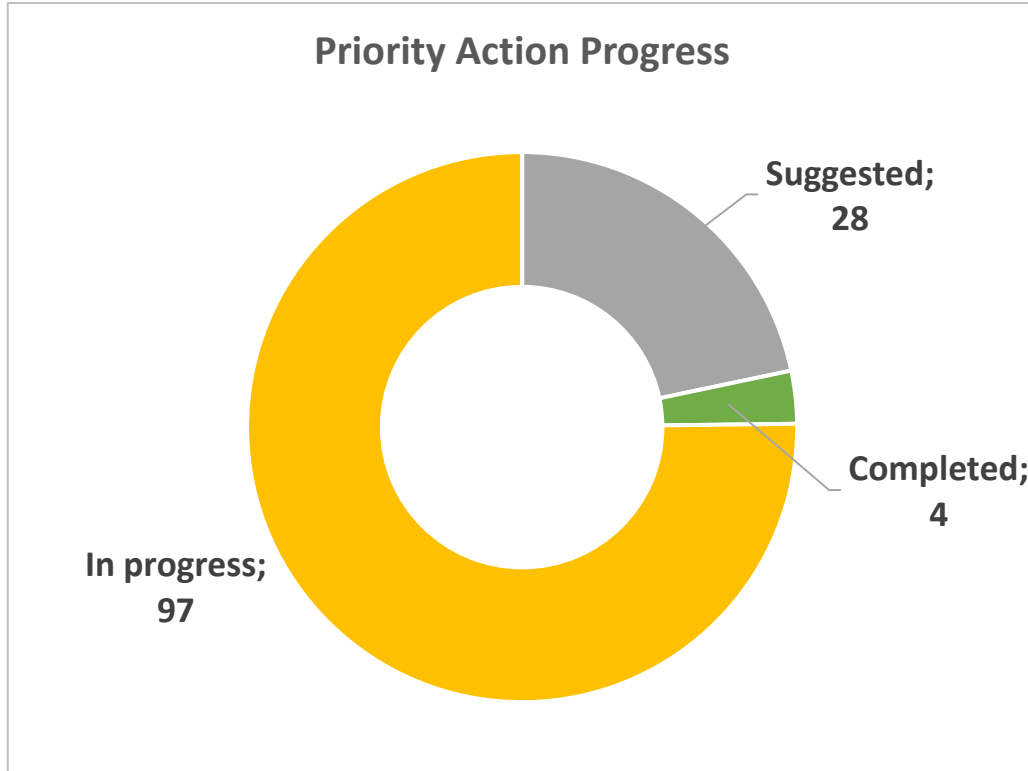
Climate Resilience & Adaptation Collaboration

- Extreme Weather Town Hall 6PM May 21
 - Inter-departmental efforts to address extreme weather
 - Featuring:
 - Office of Environment & Sustainability
 - Buildings & Inspections
 - Metropolitan Sewer District
 - Greater Cincinnati Waterworks





Progress Tracking





Transition for Cincinnati

Emissions 2021
5.67 MMT

Breakdown of emissions 2021
5.67 MMT

Transition pathway 2021-2050

The emissions will decrease from 5.67 MMT (2021) to 44.41 TMT (2050) according to this pathway



Green Cincinnati Plan 2023

Cincinnati on the Path to Carbon Neutral

The **2023 Green Cincinnati Plan (GCP)** outlines a comprehensive set of 40 high-impact Strategies and 128 Actions to address climate change and build a more sustainable, equitable, and resilient future. The Plan is organized into eight Focus Areas that articulate the City's Visions, Goals, Strategies, and Actions in response to the climate crisis across the following systems: Buildings & Energy, City Operations, Community Activation, Food, Mobility, Natural Environment, Resilience & Climate Adaptation, and Zero Waste.

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