



GREEN CINCINNATI PLAN



| BUILDINGS & ENERGY



| CITY OPERATIONS



| COMMUNITY ACTIVATION



| FOOD



| NATURAL ENVIRONMENT



| MOBILITY



| RESILIENCE & ADAPTATION



| ZERO WASTE

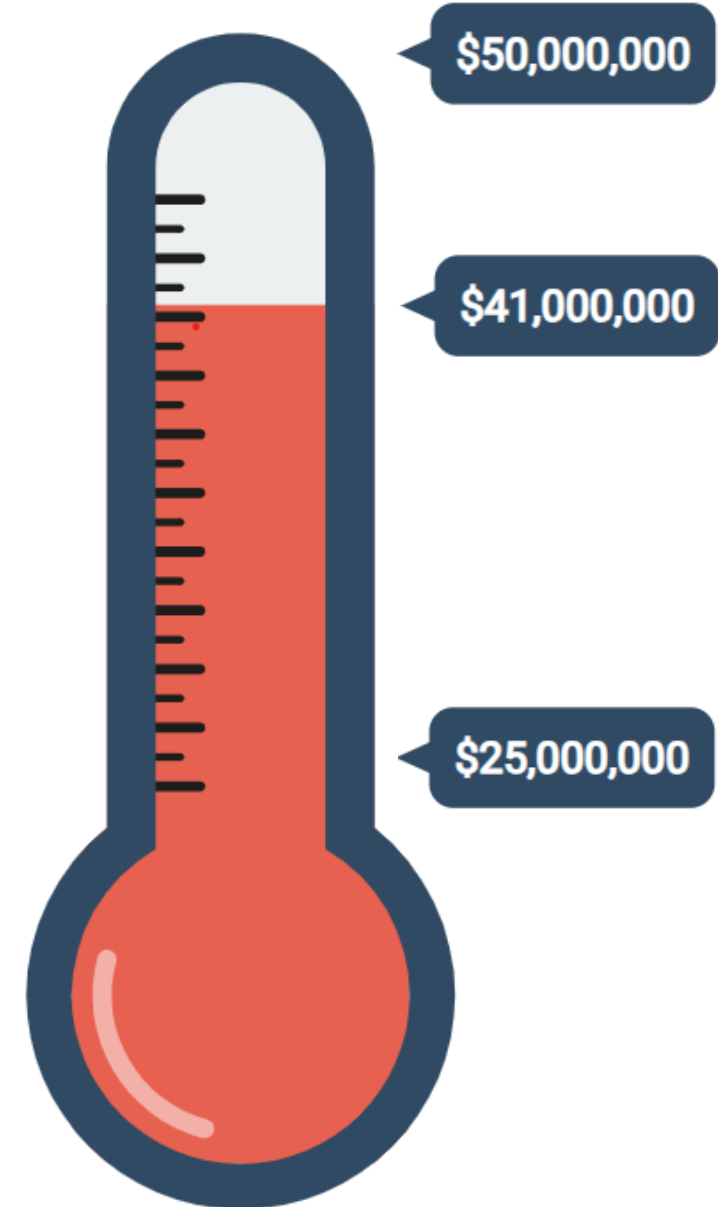
50% carbon emissions reduction by 2030, 100% carbon neutral by 2050.

Sustainability. Equity. Resilience.



Federal Funding

- **Goal:** \$25M secured for GCP implementation by 2028
- **Secured:** ~\$41M!
 - Workforce development
 - Heat pump installations
 - Building Performance Standards
 - Composting
 - Brownfield Remediation
 - Solar for All
- **Major Opportunities ahead:**
 - Community Change - \$20M



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

DISTRIBUTED ENERGY RESOURCES

EPA Announces \$7 Billion Solar for All Grants

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



Clean Energy Solutions RFP

Solar at Center Hill Landfill Design Concept

Array Size

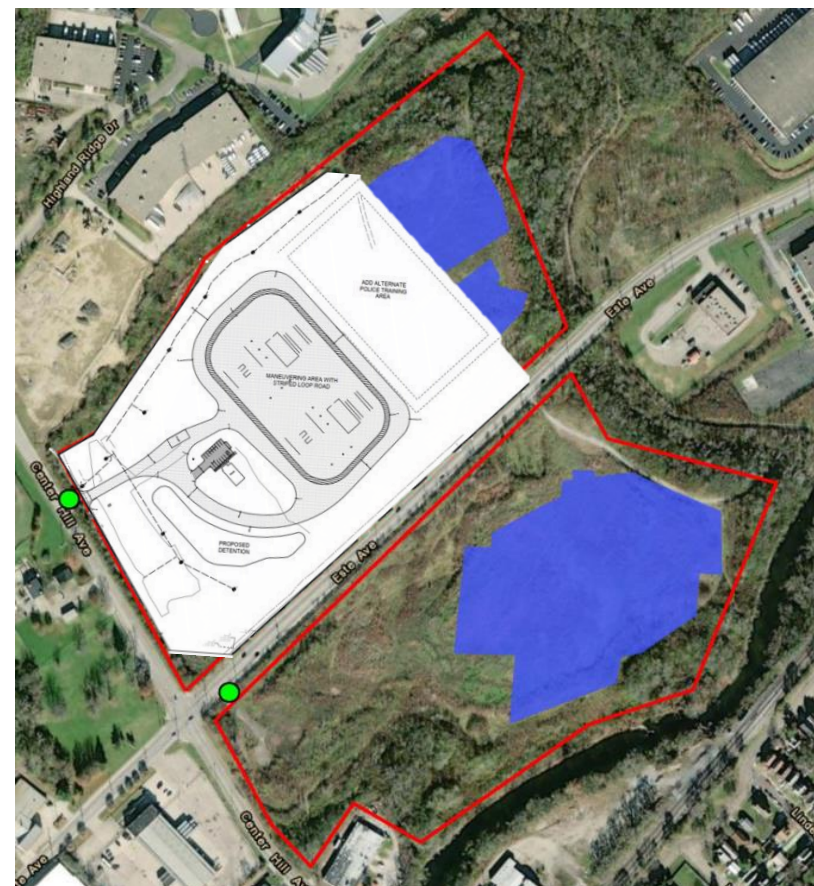
North Lobe: 2.5 acres; approx. 1.2 MW AC

South Lobe: 9 acres; 2.85 MW AC




Total: approx. 4.05 MW AC

1. Accommodates both proposed CDL site and solar arrays
2. Keeps solar arrays under the 5 MW threshold for Investment Tax Credit (ITC) to include interconnection costs
3. Avoids southern portion of south lobe for potential future building use

Cincinnati has secured \$9.8M in Solar for All grant funding to support this work.



Legend

-  Property Boundary
-  Proposed Solar Array Locations
-  Potential Point of Interconnection



Green Bank Development


- Local coalition working to attract Green Bank investment to Cincinnati region
- Engagement of local stakeholders to build awareness of the opportunity, and build local project pipeline
- Research of green bank efforts in other locations
- Vision forming around the development of a “Virtual Greenbank” that creates a “front door” to access the variety of green financing tools available

The Development of Green Bank Programs in Cincinnati

Phase 1

April 30, 2024

Prepared for:
The Port
Cincinnati Development Fund
Cincinnati Business Committee
Cincinnati Regional Business Committee
City of Cincinnati
Hamilton County

Prepared by:
 **DONOVAN ENERGY**



Fleet Electric Vehicles

Goal: 400 Fleet EVs by 2028

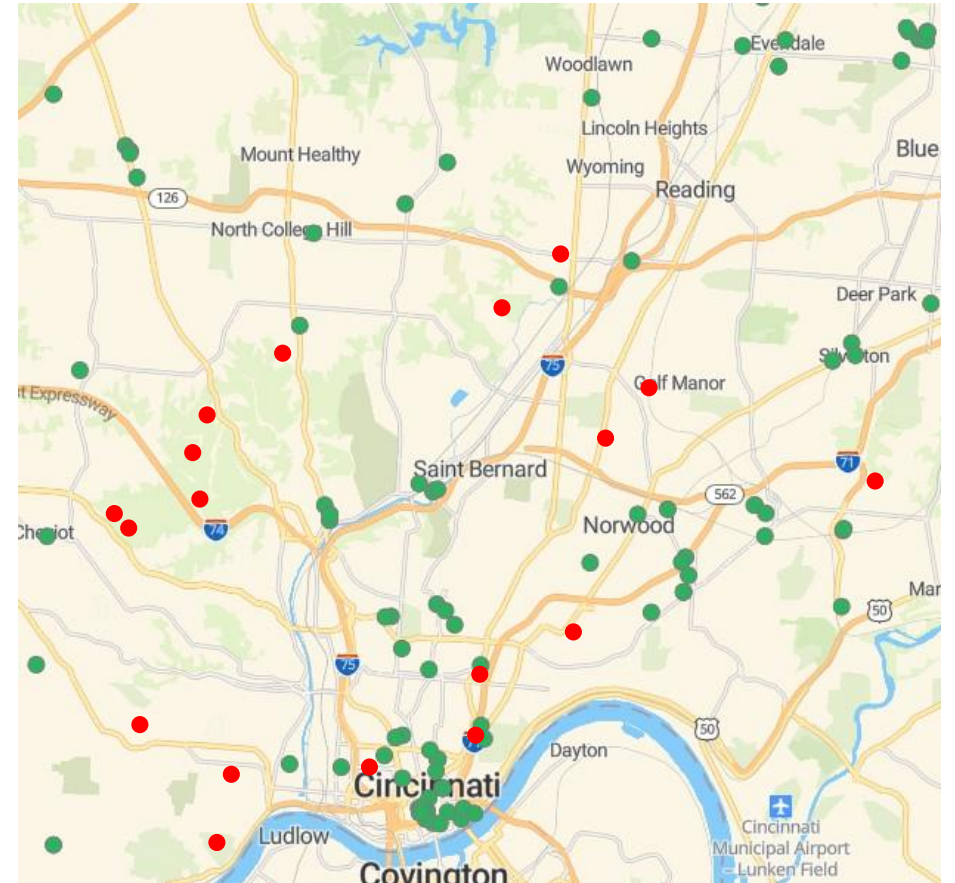
- 9 new Ford Mach-Es
- 8 new Ford Lightnings
- 1 new E-Transit
- **Current Total: 62 Fleet EVs**
- Focus on charging
 - 32 Level 2 Chargers
 - 30 Level 1 Chargers
 - Long-term charging plan complete
 - Will pursue charging hubs at 3-4 key locations
 - Exploring financing options





Public EV Charging

- FHWA Charging & Fueling Infrastructure grant: \$850K
- Install two to four publicly accessible EV charging ports at 18 Parks & CRC locations in or adjacent to disadvantaged communities.



Legend

- Proposed EV Charging Sites
- Current Public EV Charging Sites





Buildings

DOE Building Performance Standards grant: \$10M

- Cincinnati-led, in collaboration with Columbus, Cleveland & Dayton
- Seeks to achieve energy reduction of 45% by 2050 for commercial buildings larger than 50,000 sqft.
- Seeks to address major barriers to BPS in Ohio by providing direct implementation resources to cities, aligning with energy equity goals, and creating Ohio's first statewide building resource hub





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.

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

Inaugural Round:

19 proposals recommended for funding totaling \$196,769 (\$100k city funds; \$96,769 in GCF donor funds)

Organization Name	Project Title
B the Keeper	Powerful Pollinators
Beekman Community Market	Increase Food Production Capacity in the Beekman Corridor
Black Power Initiative*	Creating an Agricultural Production Site in the West End for CCPA/Cincy Rec Kids
Brick Gardens*	Brick Gardens Campus Composting – Phase One
Camp Washington Urban Revitalization Corporation	Camp Washington LED Initiative
Cincinnati Northside Community Urban Redevelopment Corporation (NEST)	Preserving Affordable + Diverse Homeownership: Energy Efficient Expansion
Cincinnati Permaculture Institute	Growing Food Producers
East End Area Council*	Canopy Plan for CRC’s Schmidt Fields, Park, and Boat Ramp
Isaiah 55, Inc.	Feed the Block
Mt. Airy Community Urban Redevelopment Enterprise (CURE)	Mt. Airy Community Garden High Tunnel
Mt. Washington Community Council	Green Mt. Washington – Activating and Educating Our Residents Where They Are
Mt. Washington Community Development Corporation	Improving Access to Green Transportation, Increasing Safety, and Promoting Zero Waste
Mt. Auburn Garden Initiative Corporation	Pocket Prairie – Phase 1
MyWhy	Grow Where You Are Planted & the Power of Produce – Taking It To The Parks Program
Northside Farmers Market	Northside Farmer’s Market’s For Everybody!
Pleasant Street North Community Garden	Living Shade Structure
Roselawn Community Council	School Community Garden
SonLight Power, Inc.	Horses on the Hill Solar Installation
The Being Project	Rees E. Price Outdoor Learning



GREEN CINCINNATI PLAN
Seeds of Change
Grant Program
YOUTH CLIMATE ACTION
Supported by Bloomberg Philanthropies



Purpose:

Activate young people aged 15 – 24 years old to design, produce, and govern urgent climate solutions in their local communities.

- Projects were selected by a youth review committee.
- \$40,000 awarded across 9 projects led by youth and local non-profits
- 18 neighborhoods are receiving funding, 70% that are identified as LIDAC communities
- 63% of funded proposals are led by a person of color

Congrats to the 2024 YCAF Awardees!

- Bloc Ministries
- Cincinnati Youth Climate Leadership with Green Umbrella
- Elisha Education Enrichment
- IKRON Corporation
- Mount Airy Cure
- Sidestreams and Madisonville Youth Council
- University of Cincinnati Department of Environmental Engineering
- University of Cincinnati Students for Burnet Woods
- XU Office of Institutional Diversity & Inclusion, Black Student Union, NPHC



Connected Communities & Green Cincinnati

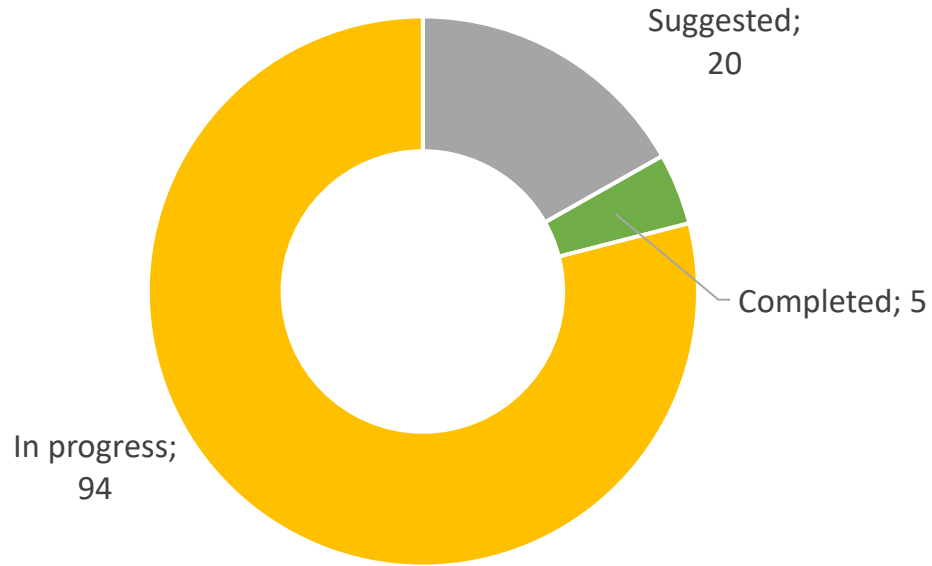
- ✓ Embrace zoning reform that increases density near transit, reduces or eliminates parking requirements across the City, and minimizes the use of surface parking lots
- ✓ Promote “15 Minute Neighborhoods” with mixed residential (including multi-family) and commercial zoning to increase transit connectivity as well as density and affordability
- ✓ Continue to design bus routes and bus stop shelters to ensure convenient and consistent service with reliable connections
- ✓ Develop regional bus rapid transit routes along key corridors



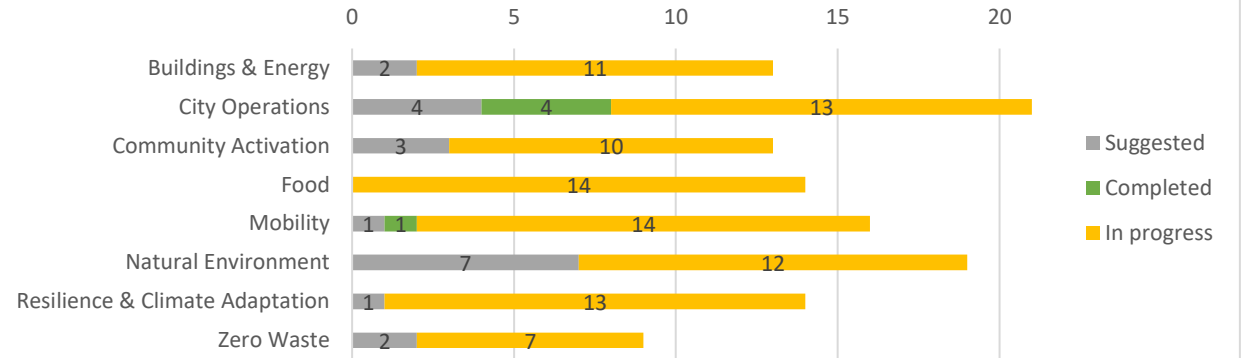


Progress Tracking

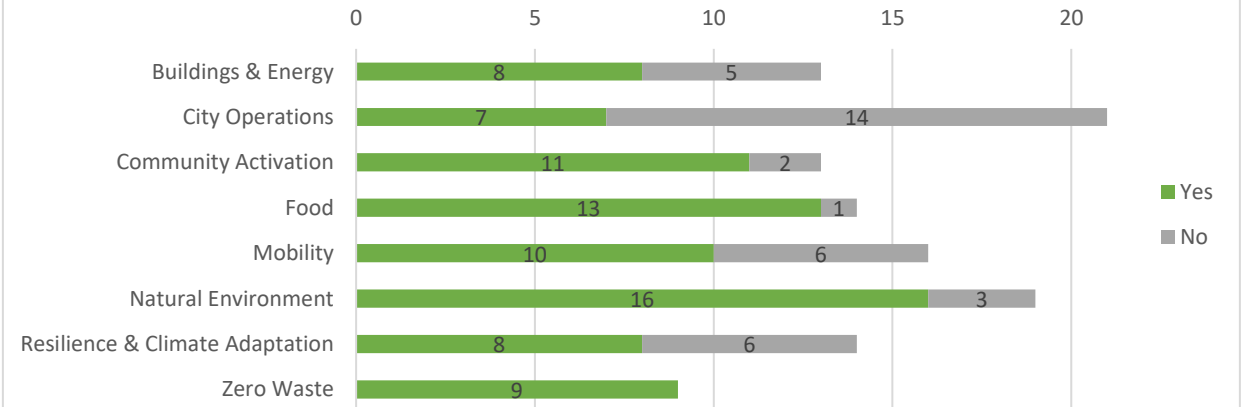
Priority Action Progress



Priority Action Progress by Focus Area



Priority Actions with Partners by Focus Area





GreenCincinnatiPlan.org