

Green Umbrella
REGIONAL CLIMATE COLLABORATIVE

2024 CLIMATE ACTION FELLOWSHIP SHOWCASE

AUGUST 8, 2024

Green Umbrella's work is helping to



Reduce greenhouse gas emissions



Build resilient and equitable food systems



Create and protect thriving greenspace



Support local communities


Green
Umbrella
REGIONAL CLIMATE COLLABORATIVE

CLIMATE CHANGE IN GREATER CINCINNATI

HEAT



PESTS



HEALTH



STORMS



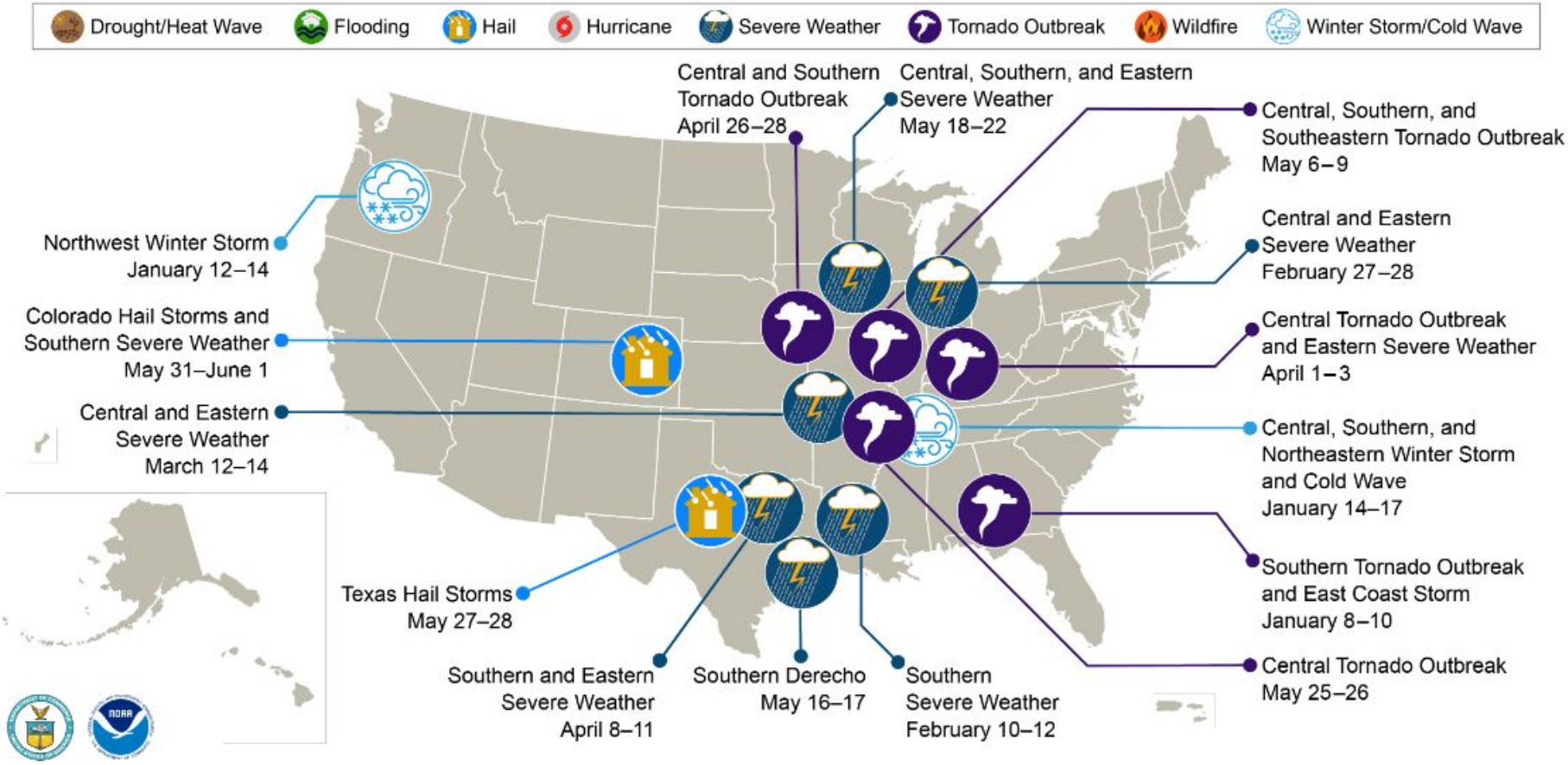
LANDSLIDES



SEWER BACKUPS



U.S. 2024 Billion-Dollar Weather and Climate Disasters



*This map denotes the approximate location for each of the **15 separate billion-dollar weather and climate disasters that impacted the United States through June 2024.***

COSTS OF ENVIRONMENTAL IMPACTS



Table 1. Annual costs of climate change for major impacts on local governments expected by midcentury

Impact	Low-End Estimate	High-End Estimate
A/C Installation	$1.4 million	$6.8 million
Electrical Costs	$5.4 million	$79 million
Cool Roofing	$0	$4.6 million
Cooling Centers	$52 million	$590 million
Road Repair	$170 million	$1 billion
Drinking Water Treatment	$580 million	$2.2 billion
Storm Recovery	$35 million	$78 million
Power Lines	$140,000	$18 million
Stormwater Management	$140 million	$150 million
Elevating Roads	$860 million	$1.7 billion
Total	**$1.8 billion**	**$5.9 billion**



INSPIRATION FROM INDIANA

*"**Since 2019, ERI has engaged nearly 50 local governments** in Indiana on climate and resilience planning. Through the Indiana Resilience Cohort, Indiana cities, towns, and counties have tackled topics spanning greenhouse gas inventories, climate action planning, solar readiness, and tree canopy replenishment."*

- Indiana University's Environmental Resilience Institute

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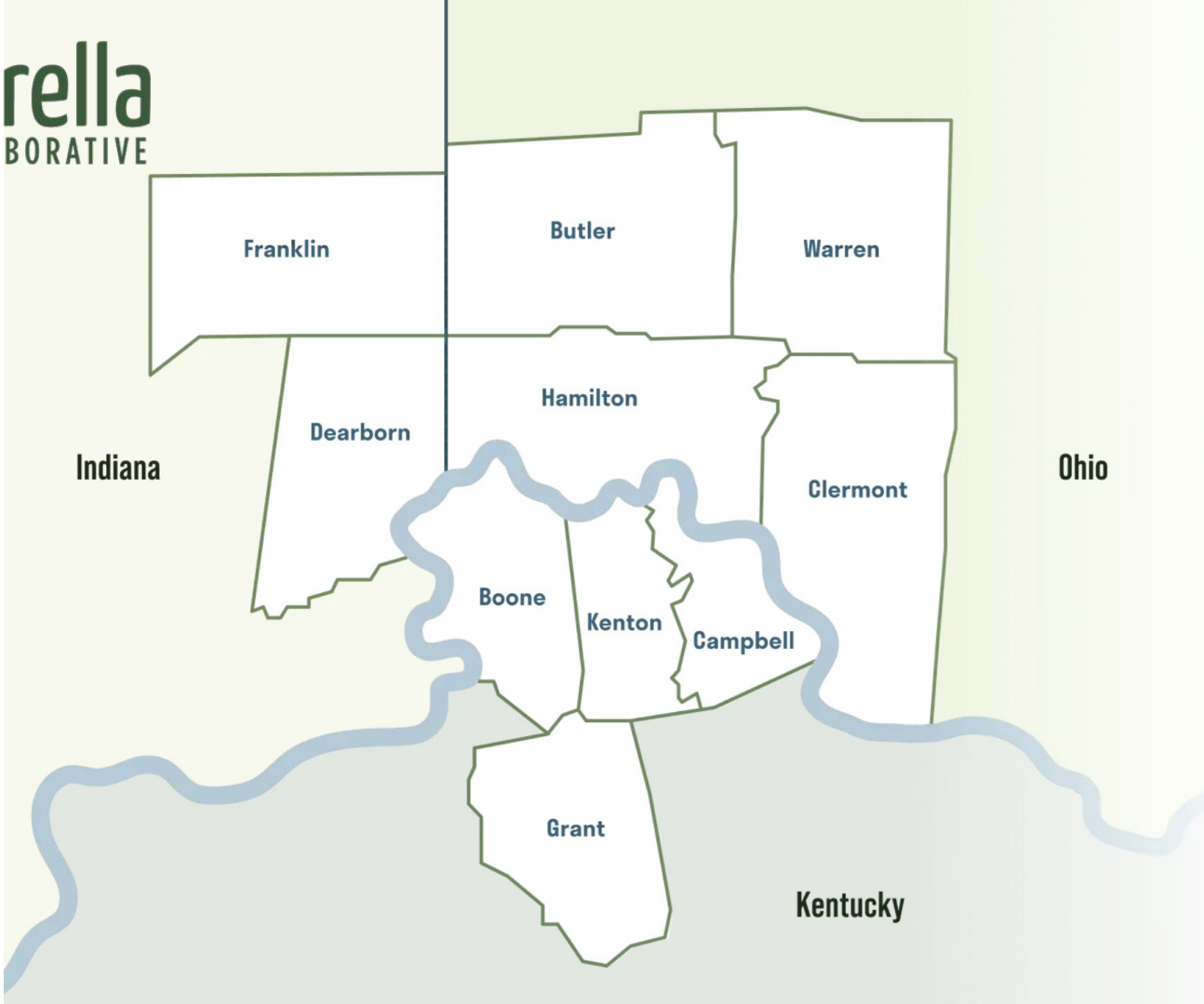
Bamidele Osamika



Nobi Kennedy



Savannah Sullivan



Green Umbrella
REGIONAL CLIMATE COLLABORATIVE

CITY OF COVINGTON

City of Oxford OHIO
HOME OF MIAMI UNIVERSITY

MILFORD
OHIO
1836

Climate Action Fellowship

made possible by the GREATER CINCINNATI FDN.

Training and Networking

Connect with the brightest sustainability minds in the region

- Engaging workshops and trainings
- Access to Green Umbrella's Member Directory
- Discounts to the largest Sustainability Summit in the Midwest
- Opportunities to participate in our unique programs

Marketing Opportunities

Share your community successes and find the right talent

- Highlight your successes in Green Umbrella's biweekly newsletter, blog, reports and on social media channels
- Publicize your events on the Green Umbrella public calendar and Great Outdoor Weekend marketing campaign
- Recruit job candidates through our popular Green Jobs board

Resources and Technical Support

Get access to available funding and resources

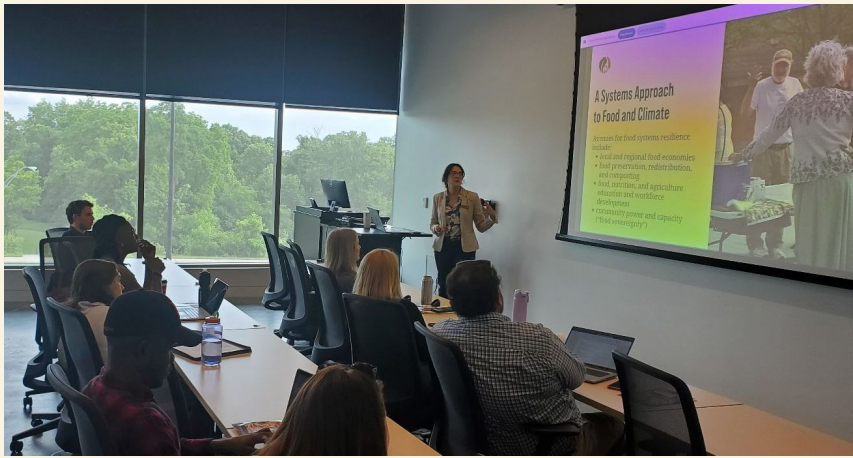
- Funding and Technical Assistance tracking
- Sustainability tools and models
- Collaborative grant proposals
- Letters of support for grants and awards
- Eligible to host a Climate Action Fellow

2024 FELLOWSHIP TRAININGS

Wednesday, May 29
- Introduction to Green Umbrella and Climate Action
- Conversations with Community
- Climate and Environmental Justice
- Regional Planning with OKI Regional Council of Governments

Thursday, May 30
- Food Systems and Policy
- Local, State, and Federal Climate Action
- Climate Governance and Planning
- Community Engagement

Friday, May 31
- Regional Greenhouse Gas Inventory with UNPREDICTABLEcity
- Energy Benchmarking 101
- Greenspace and Green Infrastructure



2024 FELLOWSHIP PROJECTS

- **Capacity and Needs Assessment**
  - City Diagnosis, Climate Equity Indicators Database, Vertical Integration Assessment, Rapid Risk Assessment, Capacity Assessment, Summary Memo
- **Climate Action Team**
  - Internal Engagement, Team Kick Off, Subcommittee Structure
- **Climate Planning**
  - Governance Assessment, Potential Actions Database, Climate Action Planning Appraisal Report, Next Steps Memo
- **Community Engagement**
  - Power Analysis, External Engagement, Next Steps Memo
- **Energy Benchmarking**
  - Portfolio Manager Profile, Site Visits, First Benchmarked Buildings, Next Steps Memo
- **Greenspace and Green Infrastructure**
  - Land Use Memo, Local Policy Memo, Land Use and Green Infrastructure Scorecard, Greenspace Work Plan

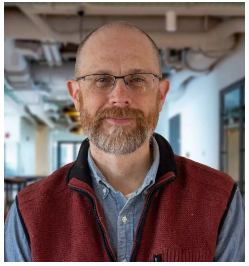
Green Umbrella
REGIONAL CLIMATE COLLABORATIVE



Claire Carlson



Maddie Chera



Wyatt King

greenspace
ALLIANCE

Greater Cincinnati Regional
Food Policy Council

CINCINNATI
2030
DISTRICT®

2024 CLIMATE ACTION FELLOWSHIP: JUNE 3 – AUGUST 9

City of Milford, OH (pop. 6,470)
- Fellow: Ella O'Maley
- Supervisor: Michael Doss – City Manager

City of Oxford, OH (pop. 22,340)
- Fellow: David Naibei
- Supervisor: Reena Murphy – Sustainability Coordinator

City of Covington, KY (pop. 40,956)
- Fellow: Elese Daniel
- Supervisor: Sheila Fields – Solid Waste Manager



Bamidele Osamika

Regional Climate Collaborative Manager





City of Milford, Ohio

Ella O'Maley and Michael Doss

MICHAEL DOSS, MILFORD CITY MANAGER

- City of Milford Community Profile and Introduction.
- City of Milford’s Interest in Sustainability and Participation in Green Umbrella’s Climate Action Fellowship Program.
- Goals and Objectives Entering the Fellowship Program.



ELLA O'MALEY, CLIMATE ACTION FELLOW

- **Introduction…**
  - Senior at Xavier University studying Economics, Sustainability and Society with minors in Peace and Justice Studies and Environmental Studies.
    - Winter-Cohen Family Brueggeman Fellow
    - Co-President of Xavier Student Sustainability
  - Background in environmental education and community engagement.
- **Why did I apply?**
  - Long-time admirer of Green Umbrella.
  - Strong opportunity to learn about local government and environmental policy.
- **Why was Milford a good fit?**



FIRST STEPS



DEPARTMENT VISITS!

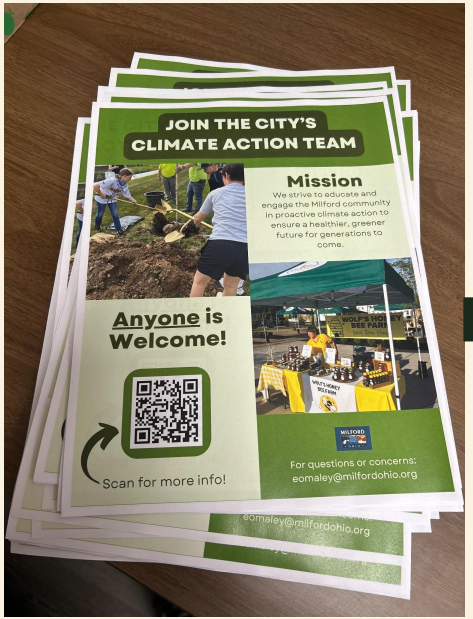
- WATER TREATMENT
- WASTE WATER
- PUBLIC WORKS

FIRST STEPS

PRESENTING TO COUNCIL!



CLIMATE ACTION STEERING COMMITTEE OUTREACH







CLIMATE ACTION STEERING COMMISSION (CASC) & COMMUNITY ENGAGEMENT

Community Outreach

- Engaging with community leaders
- Canvassing in Downtown Milford
- Visiting the Farmers Market

Regular Meetings

- Creating bylaws and a running agenda document
- Kickoff meeting turned into weekly meetings every Tuesday morning
- Continue outreach efforts and meeting with interested community members

Official Commission

- After review by the Administrative Services committee, the codification of the CASC will be voted on by council on August 20th

ASSIGNED PROJECT: CAPACITY AND NEEDS ASSESSMENT

WORK COMPLETED

- Completed an existing plan review.
- Completed the C40 Governance Self-Assessment with City Manager.
- Facilitated needs assessment exercises like the C40 Cities Traffic Light Analysis and Spectrum of Community Engagement to Ownership with the CASC.

RECOMMENDED ACTION

- Conduct a greenhouse gas (GHG) emissions inventory analysis.
- Explore alternative outreach and engagement methods including community-based social marketing.
- Hire a full-time employee to assume the responsibilities of climate action planning.

ASSIGNED PROJECT: ENERGY BENCHMARKING

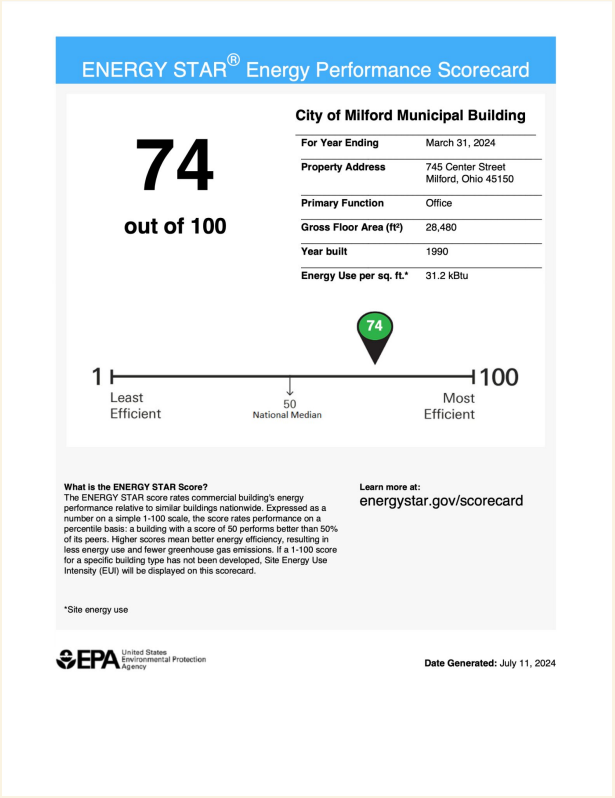
WORK COMPLETED

- Utilized the EPA Energy Star Portfolio Manager to perform an energy benchmarking assessment of two buildings.
- Explored energy aggregation programs and decarbonizing Milford's electricity supply with GU partners.
- Took advantage of the opportunity to induct Milford into the Greater Cincinnati 2030 District.

RECOMMENDED ACTION

- Benchmark all city-owned properties.
- Implement energy aggregation program for city-owned properties.
- Explore opportunity to upgrade all street lamps to LED.

RESULTS



ENERGY STAR® Energy Performance Scorecard

City of Milford Municipal Building

74

out of 100

For Year Ending	March 31, 2024
Property Address	745 Center Street Milford, Ohio 45150
Primary Function	Office
Gross Floor Area (ft²)	28,480
Year built	1990
Energy Use per sq. ft.*	31.2 kBtu

74

1 — 100

Least Efficient | 50 National Median | Most Efficient

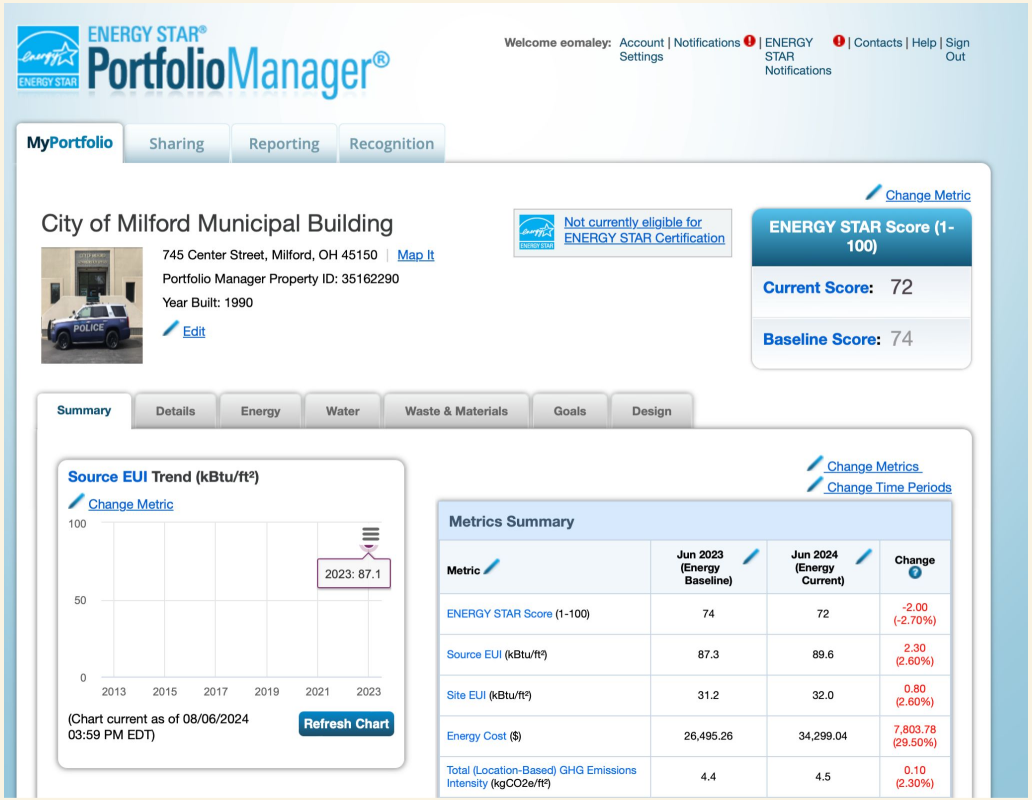
What is the ENERGY STAR Score?
The ENERGY STAR score rates commercial building's energy performance relative to similar buildings nationwide. Expressed as a number on a simple 1-100 scale, the score rates performance on a percentile basis: a building with a score of 50 performs better than 50% of its peers. Higher scores mean better energy efficiency, resulting in less energy use and fewer greenhouse gas emissions. If a 1-100 score for a specific building type has not been developed, Site Energy Use Intensity (EUI) will be displayed on this scorecard.

Learn more at:
energystar.gov/scorecard

*Site energy use

EPA United States Environmental Protection Agency

Date Generated: July 11, 2024



ENERGY STAR® PortfolioManager®

Welcome eomaley: Account Settings | Notifications | ENERGY STAR Notifications | Contacts | Help | Sign Out

MyPortfolio | Sharing | Reporting | Recognition

Change Metric

City of Milford Municipal Building

745 Center Street, Milford, OH 45150 | Map It

Portfolio Manager Property ID: 35162290

Year Built: 1990

Edit

Not currently eligible for ENERGY STAR Certification

ENERGY STAR Score (1-100)

Current Score: 72

Baseline Score: 74

Summary | Details | Energy | Water | Waste & Materials | Goals | Design

Source EUI Trend (kBtu/ft²)

Change Metric

100 / 50 / 0

2013 2015 2017 2019 2021 2023

2023: 87.1

(Chart current as of 08/06/2024 03:59 PM EDT)

Refresh Chart

Change Metrics

Change Time Periods

Metrics Summary

Metric	Jun 2023 (Energy Baseline)	Jun 2024 (Energy Current)	Change
ENERGY STAR Score (1-100)	74	72	-2.00 (-2.70%)
Source EUI (kBtu/ft²)	87.3	89.6	2.30 (2.60%)
Site EUI (kBtu/ft²)	31.2	32.0	0.80 (2.60%)
Energy Cost ($)	26,495.26	34,299.04	7,803.78 (29.50%)
Total (Location-Based) GHG Emissions Intensity (kgCO2e/ft²)	4.4	4.5	0.10 (2.30%)

ASSIGNED PROJECT: GREENSPACE DEVELOPMENT

WORK COMPLETED

- Completed the EPA's Land Use and Green Infrastructure Scorecard with the City Manager and the Planning Coordinator.
- Met with representatives from Tree Commission, Valley View Nature Preserve, Cardinal Land Conservancy, etc.
- Encouraged Planning and Community Development Coordinator to join the Greenspace Alliance.

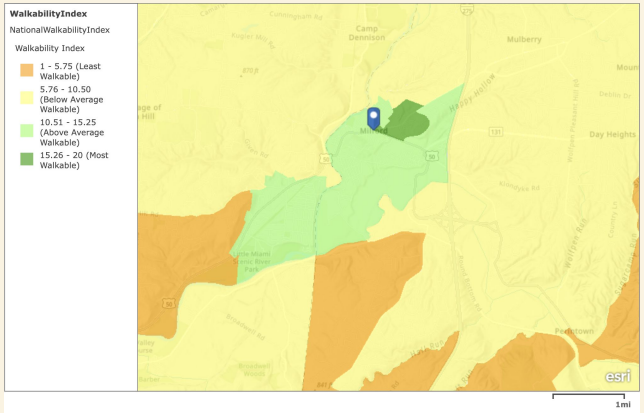
RECOMMENDED ACTION

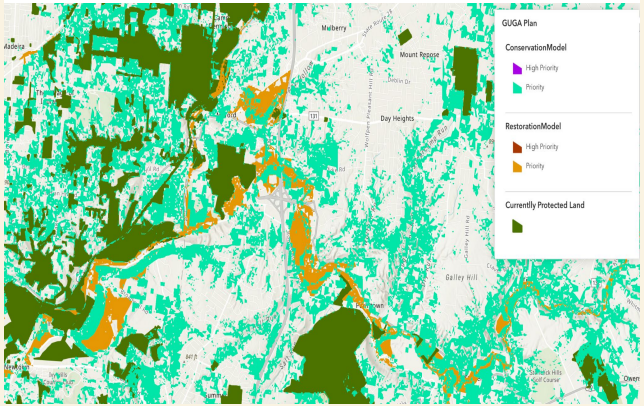
- Explore legislation to official protect designated "No Mow" areas from future development.
- Update the Parks and Recreation Master Plan from 2001.
- Explore alternative advertisement strategies of the Tree Rebate Program and Milford's status as a Tree City.

RESULTS

Scoring Summary

Section	Points Available	Points Earned
Section 1: Protect and Resource Natural Resources and Open Space		
1.A. Upland Natural Resources	23	9
1.B. Water Resources and Riparian Buffers	21	1
1.C. Multi-Functional Open Space	13	3
1.D. Street Trees and Urban Forest Canopy	21	6
Subtotal	**78**	19
Section 2: Promote Efficient, Compact Development Patterns		
2.A. Infill and Redevelopment	17	3
2.B. Mixed-Use Developments	11	4
Subtotal	**28**	7
Section 3: Design Green Streets		
3.A. Street Widths	9	1
3.B. Green Streets Stormwater Management	15	4
Subtotal	**24**	5
Section 4: Encourage Efficient Parking		
4.A. Parking Space Requirements	15	5
4.B. Driveways	7	0
4.C. Transportation Demand Management Alternatives	7	0
4.D. Parking Lot Landscaping	5	1
Subtotal	**34**	6
Section 5: Adopt Green Infrastructure Stormwater Management Provisions		
5.A. Green Infrastructure Practices	20	0
5.B. Off-Site Stormwater Management and Fee-In-Lieu Programs	5	0
5.C. Long-Term Operation and Maintenance	11	4
Subtotal	**36**	4
Total Score	**200**	41





BONUS PROJECT: CLIMATE BUDGETING

WORK COMPLETED

- Engaged in conversation with the Finance Director regarding Milford's budgetary process and areas of improvement.
- Reviewed and shared resources on redesigning city budget processes for climate budgeting.

RECOMMENDED ACTION

- Establish a connection between the budgetary process and climate measures.
- Provide training opportunities to Finance Department on climate budgeting.

RECOGNITION



2 Thursday, June 6, 2024 www.clermont[illegible]n.com

City of Milford selected for Green Umbrella's Climate Fellowship program

Program aims to 'Advance Regional Resilience and Sustainability'

By Megan Alley, Sun Editor

The city of Milford has been selected for Green Umbrella's Climate Fellowship program.

The program is for governments in Greater Cincinnati communities.

The fellowship pairs undergraduate and graduate students, and individuals who want to pivot careers into the climate space, with Green Umbrella members to develop practical plans and solutions for a changing climate, according to information from Green Umbrella.

As part of the program, Milford will receive research support and added capacity, assistance in sustainability planning, fellows receive experience in the public sector, and networking and professional development support.

Other local governments selected for this year's program are the city of Covington and Oxford.

Michael Doss, City Manager for Milford, is quoted as saying, "Utilizing our partnership with Green Umbrella, the City will embark on a progressive path to safeguard our environment and enhance the quality of life of our citizens, forging a path towards a greener, more sustainable tomorrow."

He added, "Through our commitment to the Climate Fellows program, Milford commits to championing future climate action, nurturing innovative solutions, and cultivating a thriving, eco-conscious community."

Just two jurisdictions — the Cities of Oxford and Cincinnati, in Green Umbrella's 10-county region, encompassing 188 jurisdictions, have climate action plans, according to Green Umbrella.

WELCOME TO THE TEAM

ELLA O'MALEY

CLIMATE ACTION FELLOW

Ella is a senior at Xavier University and employed by Green Umbrella. This summer, she will be assisting us in developing sustainable initiatives including a climate action plan.

Your help ne[illegible] about your ti[illegible] Olympic Gam[illegible]

The Summer Olympics are set to take place from July 24 through August 11 in Paris, France.

Paris will become just the second nation to host the Summer Olympics three times.

More than 10,000 athletes are slated to participate.

We need your help! There are so many people involved with these games; co[illegible] support st[illegible] all of who[illegible] role in ma[illegible] pics an ev[illegible] If you [illegible] who is a[illegible] games in[illegible] someone[illegible] ing the [illegible] lservello[illegible] com. W[illegible] a story[illegible] Clermo[illegible]

Arrest

from Page 1

tion deteriorated and the child became unresponsive; it was necessary for AirCare to transport the child to Cincinnati Children's Hospital.

Tests conducted at Cincinnati Children's showed that the child had ingested cocaine and marijuana.

The Lelesches were interviewed about the test results and admitted to having used cocaine and marijuana at their

Sentenced

from Page 1

sponsive.

K.H. was transported to Cincinnati Children's Hospital Medical Center for advanced care and treatment. K.H. was ultimately determined to be brain-dead. On January 24, 2022, K.H. was taken off life support and passed away.

Parker

from Page 1

adventure this has been for this young lady and her family. All of Ohio applauds her!"

Parker detailed the experience of catching the blue catfish in an inter-

Environment

Covington, Milford and Oxford receive support to plan for effects of climate change

91.7 WVXU | By Isabel Nissley

Published June 3, 2024 at 1:33 PM EDT



Bill Rinehart / WVXU



City of Oxford, Ohio
David Naibei and Reena Murphy

City of Oxford OHIO
HOME OF MIAMI UNIVERSITY

REENA MURPHY, SUSTAINABILITY COORDINATOR

- Why Oxford Applied
  - Capacity building for our CAP implementation
  - Enhance regional collaboration
- Outcomes of the fellowship
  - Fresh eyes and evaluation
  - Energy and Greenspace Benchmarking



DAVID NAIBEI, CLIMATE ACTION FELLOW

- From Chad (Central Africa)
- Masters in Business Law (Senegal) and Environmental Law (France).
- University of Cincinnati Law Graduate
- “Green Spaces of Sahel” Trainer
- Former Law Clerk at AltmanNewman Environmental Law Firm
- Groundwork Ohio River Valley Board Member



CAPACITY AND NEEDS ASSESSMENT



Visits:

- Tour of Oxford
- Visited the pollinator garden in the community park
- Miami University
- Water Treatment Plant
- Waste Water Plant
- Rumpke Tour







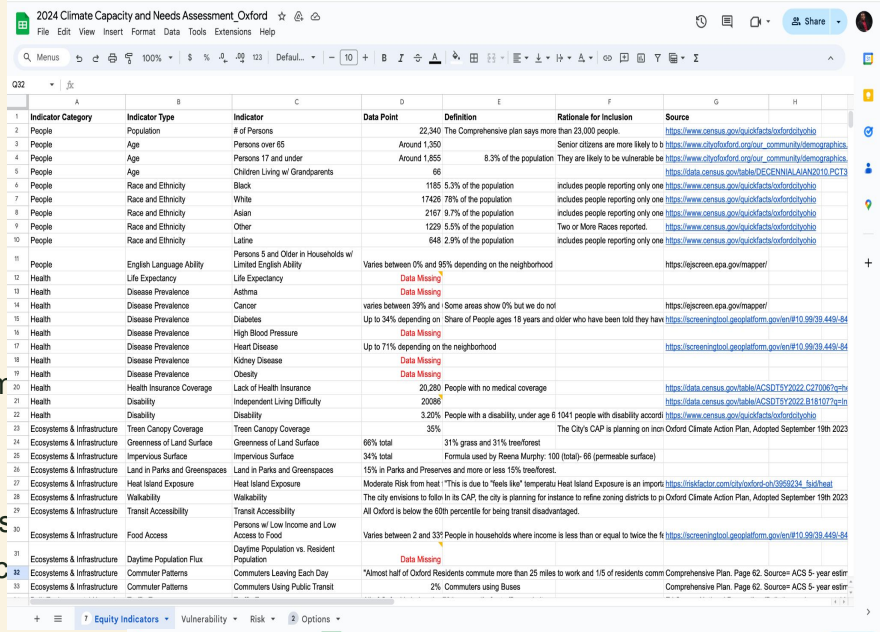


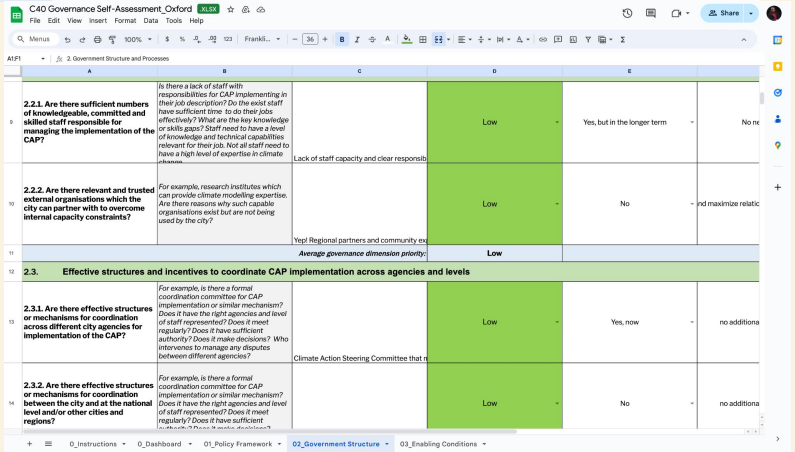
CAPACITY AND NEEDS ASSESSMENT

- Good opportunity to learn about our host city and connect with key resources.

Activities:

- **C40 Capacity and Needs Assessment:** gathering relevant information for equity questions and the city vulnerability to som climate related risks.
    - Recommendation: Establish partnerships with relevant institutions/organizations to fill the missing data columns
- **C40 Governance Self-Assessment:** Assessing Internal capac for implementing sustainability projects.
    - Recommendation: more clear commitment from agencies/ departments responsible for the implementation of the CAP.
- **C40 vertically and horizontally integrated tool:** Assessing how the city's sustainability vision fits in the state and the federal vision.
    - Recommendation: A better political support at the national/government level should be given to the city to make implementation of projects easier.





COMMUNITY ENGAGEMENT

- Reviewed the **Comprehensive Plan** and the **CAP** to assess method used.
- Reviewed the **Community Engagement Best Practices for Climate equity**: Build bridges and address complexities to solve the problems. (religion, culture, race & ethnicity…)
- Reviewed the **Spectrum for Community Engagement**.
    - **5 levels of community engagement**:
        - **Inform**: provide the public with the information
        - **Consult**: Obtain public feedback on analysis, alternatives and/or decisions from the public.
        - **Involve**: Integrate the community needs and assets into process and inform planning.
        - **Collaborate**: Ensure community capacity to play a leadership role in implementation of decisions.
        - **Defer to or empower**: Placing the final decision-making in the hands of the public. The city supports and works to implement the proposed solutions.



COMMUNITY ENGAGEMENT

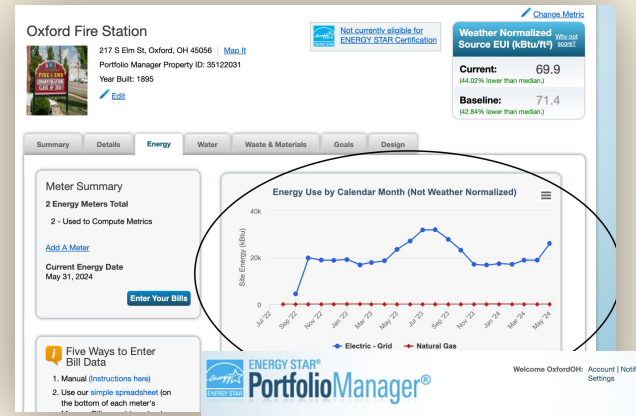
Recommendations:

- Identify local organizations and businesses not yet partners of the city and create partnerships.
    - Chamber of Commerce members are a good start for this identification process.
- **Technology as an alternative** to or in addition to the in-person participation to meetings.
- Consider the **gamification** of some outdoor/ indoor initiatives. i.e. Survey in a game format.
- **Always seek more equity in the representations in boards and commissions.**
    - Identify possible missing voices. i.e. Talawanda Oxford Pantry Social Services/FRC
    - Organize meetings outside of regular working hours.

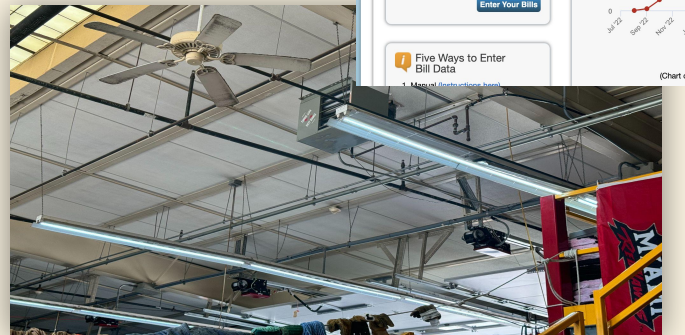


ENERGY BENCHMARKING (OXFORD FIRE STATION)

- **Energy Star Portfolio Manager**:
  - Benchmark any kind of building
  - Save Energy and $$$$$
  - Earn certifications.
- **Activities**:
  - Created a profile for the city.
  - Requested the electricity and natural gas bills from the Finance Departments.
  - Visited the Fire Station.
  - Input the information and got results.
- **Result**:
  - Oxford Fire station is doing great efforts such as installing LED lights.
  - Results are in the green:
    - The Current Source EUI is **44% lower than the median Source**.
  - There is room to do even better with the right support.





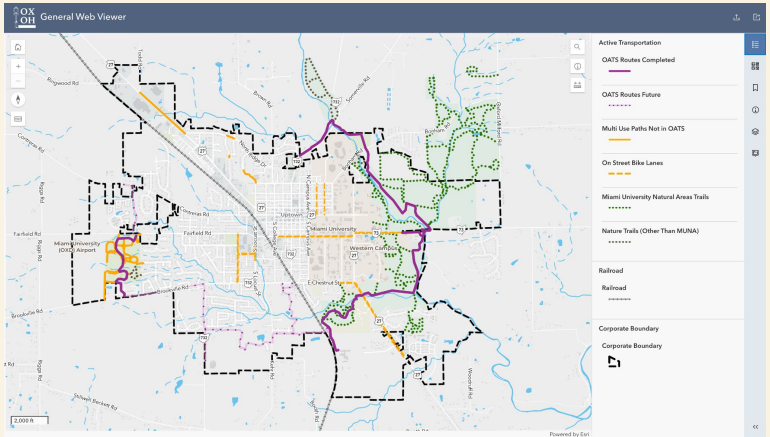


GREEN SPACE AND GREEN INFRASTRUCTURES

- **Existing Green Spaces**
  - Visited major parks and recreational areas (e.g., Oxford Community Park, Dewitt). Freely accessible for visitors.
  - Notable trails and greenways (e.g., Oxford Area Trails System).
  - Wide lawn areas.









GREEN SPACE AND GREEN INFRASTRUCTURES

Activities:

- Drafted a **White Paper**: Opportunity to do a green space and green infrastructure benchmarking.
    - Made some recommendation about:

Quantitative Goals:

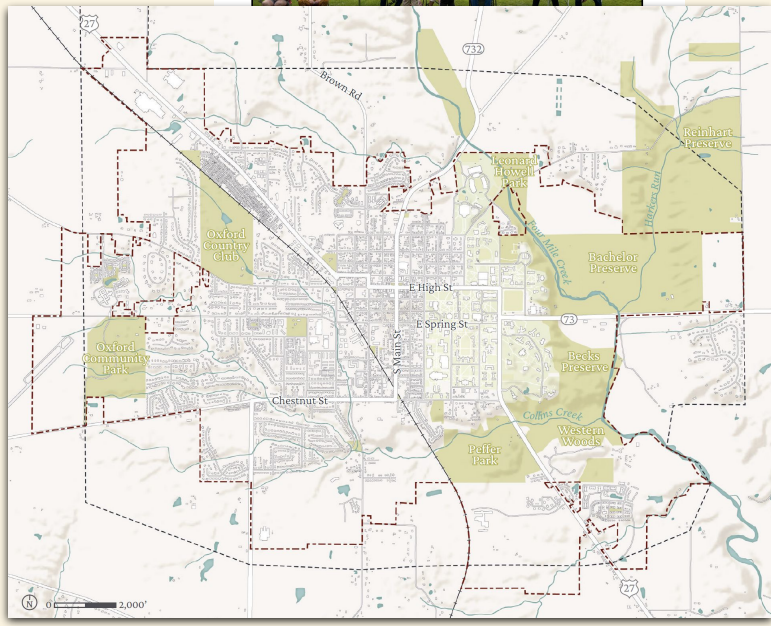
- World Health Org recommended at least **9 sq. m. of green space per person***, with an ideal urban green space value of 50 square meters.
    - Only public green spaces (Forest + Preserves + Parks) 10,086,639.38 sq m/ 22340 persons = **451.5 sq. m. per person**
    - Adding lawns on private properties = 16,370,299.52 sq. m/22340= **732.78 sq. m per person**
- **Good tree cover but not equitably distributed**. More parks could be created in suburban areas.

*World Health Organization . *Health Indicators of Sustainable Cities in the Context of the Rio+20 UN Conference on Sustainable Development.* WHO; Geneva, Switzerland: 2012.

City of Oxford OHIO
HOME OF MIAMI UNIVERSITY

Development of a Green Space Land Target Metric for Oxford, Ohio





GREEN SPACE AND GREEN INFRASTRUCTURES



Qualitative Goals:

- **Establish a monitoring system to track progress towards greenspace goals** and adapt strategies as needed.
- **Regularly review data on park usage, maintenance needs, and community feedback** to ensure that green spaces remain valuable and well-used.
- **Create a Sensory Garden** for disabled people (such as autistic community members.).
- Pictures from Ashland Sensory garden.





MEETINGS

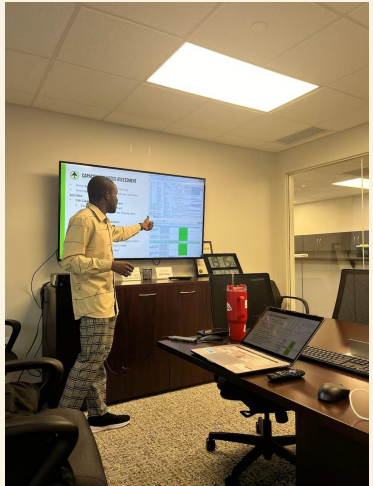
- Attended **2** Environmental Commission meetings
- Attended **2** Assistant City Manager's Office Team Meetings to see how sustainability fits in a broader picture.
- Attended **1** Climate Action Steering Committee
- Met the Milford Green Team: June 22
- Met several key individuals for introductions and consultations.



Above: Photo with the City Manager's Office Staff

Below: Photo with the Environmental Commission







KEY AND FUN MOMENTS

- Oxford Area Trail System Ribbon-cutting ceremony_ June 20, 2024







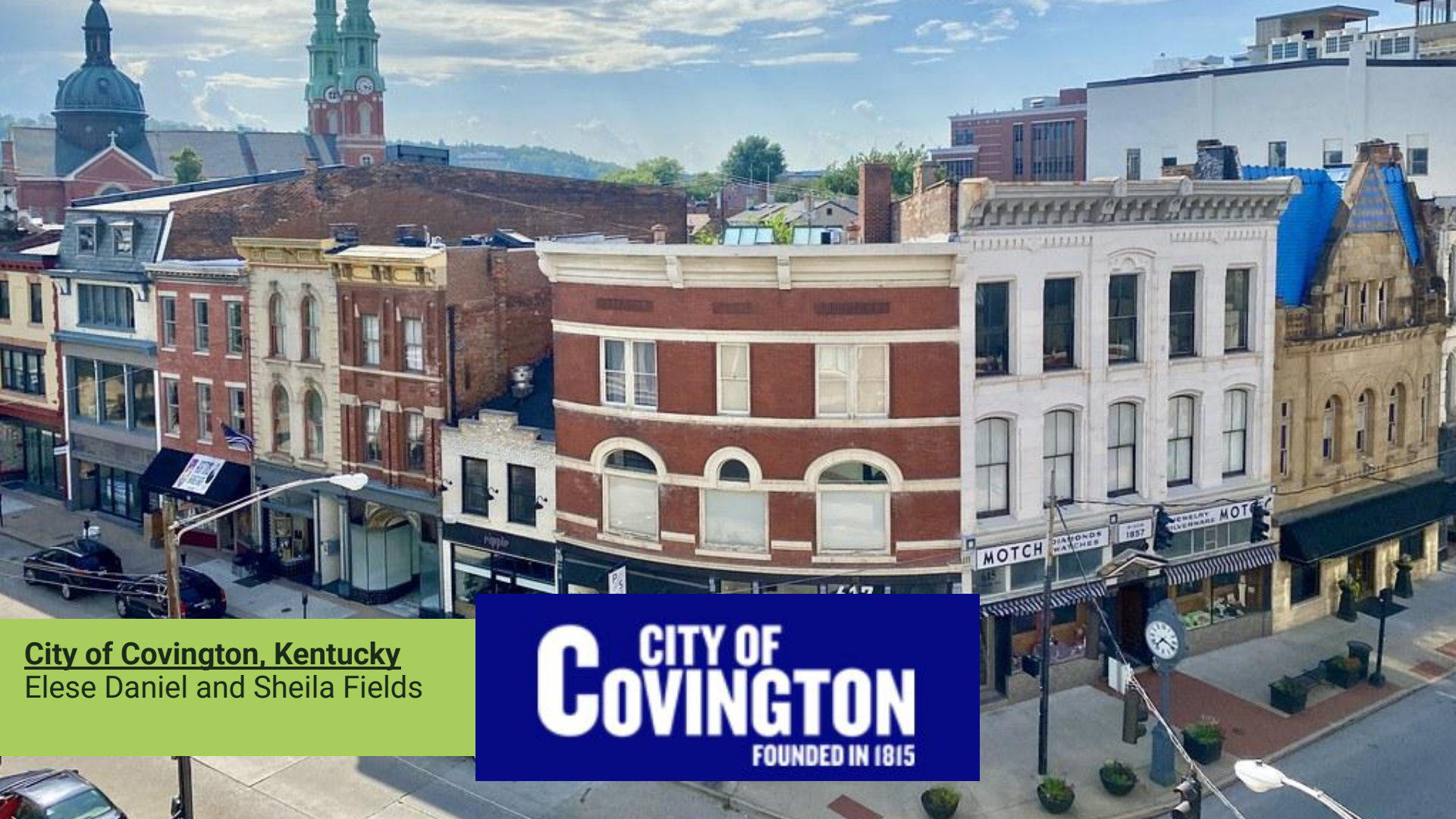
KEY AND FUN MOMENTS

- Got my grilling “license”
- Team Building: “Alexa, Question of the day.”









City of Covington, Kentucky
Elese Daniel and Sheila Fields

INTRODUCTIONS



"The environment is where we all meet; where all of us have a mutual interest; it is the one thing all of us share." – Lady Bird Johnson



Why did we apply for this Fellowship?

What's important about our meeting and working together in Covington?

CONSIDERING THE POLITICAL LANDSCAPE

Key considerations:

- Awareness of City priorities, projects, people, challenges
- Meeting folks where they're at, in all settings
- Acknowledging and embracing diverse starting points
- **Navigating leadership hesitancy toward commitments**
- Collaboratively deducing and respectfully challenging barriers



KEY ACHIEVEMENTS

1) Outreach and Education

Building support through meetings and events to increase awareness about climate action.

2) Recommending a Climate Action Taskforce

A temporary codified City board to create a Climate Action Plan

3) Climate Action Resource Folder

A compilation of essential resources to support the City's continued climate action

1) OUTREACH & EDUCATION

- **1:1 Meetings**
  - Learned priorities, challenges, ambitions, and/or opportunities to collaborate
  - **Gained shared understanding,** guidance, & built relationships + trust
  - Met with **40 folks, 32+ hours**

- Climate Safe Neighborhoods Workshop - June 3
- **Parking Facilities & Quality of Place Tour - June 25**
- **City Neighborhoods Tour - June 28**
- Neighborhood Association Meeting - July 10
- City Staff Lunch & Learn - July 17
- Greenspaces Meeting/Presentation - August 20



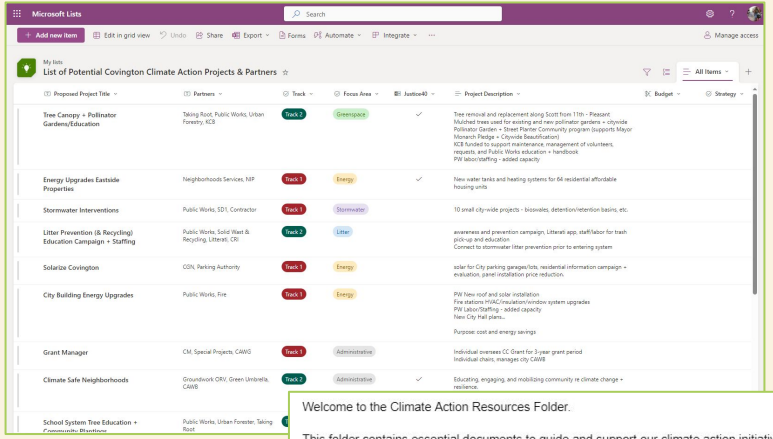
2) RECOMMENDING CLIMATE ACTION TASKFORCE

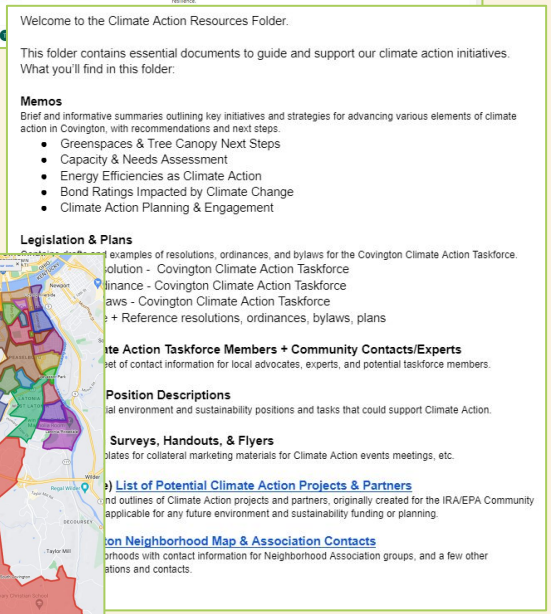
The Climate Action Task Force supports the City of Covington's efforts to build a sustainable, resilient, and equitable future for all. Acknowledging the threat and costs of climate change, the Taskforce will establish Covington's Climate Action Playbook in 2025, to prepare the City for reducing carbon emissions, growing the local economy, and improving the quality of life and place for residents.

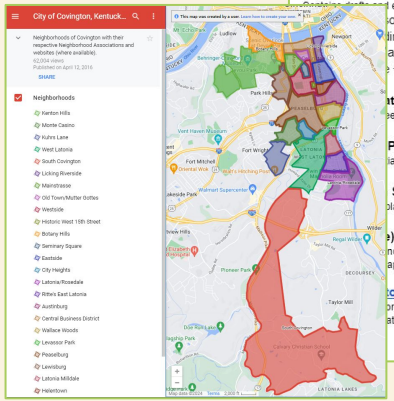
- CAT Steering Committee - Began meeting biweekly 6/13
- Identified + met with potential CAT members/partners
- Rallied support from City staff, leadership, and Commission
- Researched Covington City boards and CA legislation from other cities
- Drafted language for CAT mission, resolution, bylaws, ordinance, schedule of deliverables

CLIMATE ACTION RESOURCES FOLDER

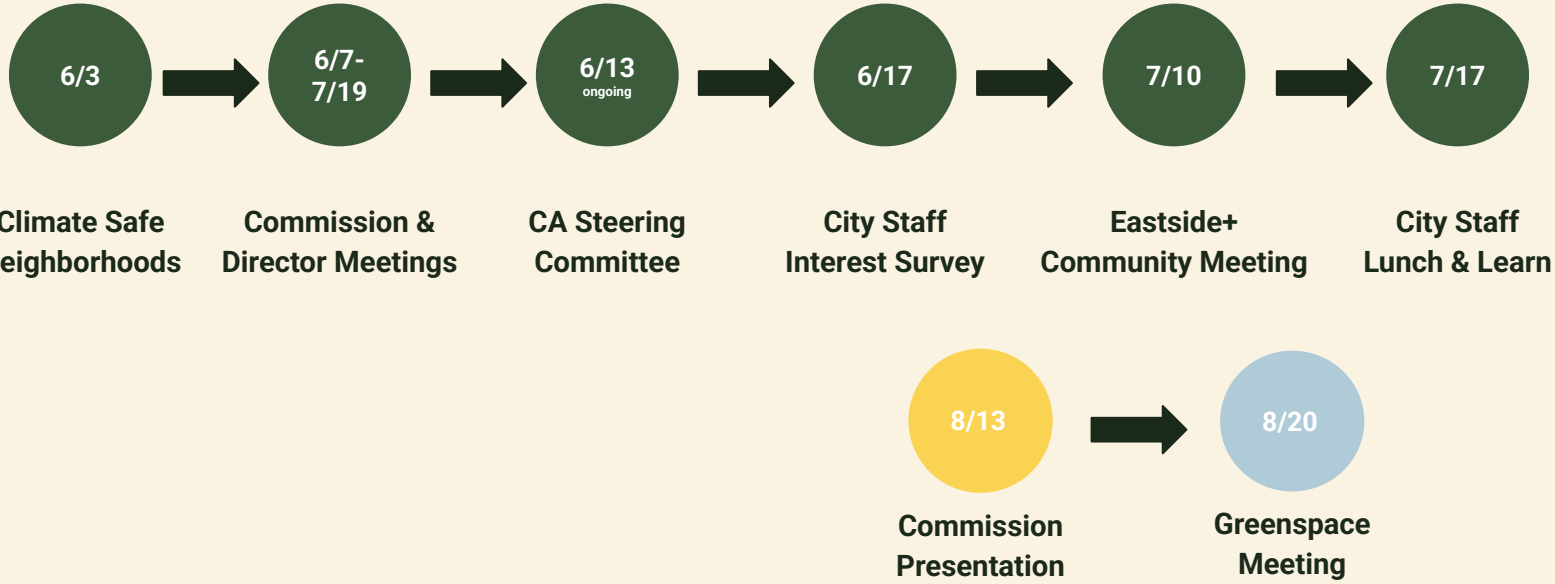
- Climate Action Memos
- Proposed Climate Action Taskforce
  - Mission, Objectives, Schedule, draft Legislation
- List of Potential Covington Climate Action Projects & Partners
- Climate Action Community Contact Information
- Neighborhood Map & Association Contacts
- Examples & Reference Materials
- Green Umbrella Resources, Tools, & Contacts







KEY MILESTONES



MUSINGS ABOUT ENGAGEMENT

Engagement is relationship building.

Relationship building is establishing trust and rapport.

Much more is possible, successful, and joyful with trust and rapport.



- How was it applied in our efforts? Why does it matter?
- Broader acknowledgement
  - Dedicated federal funding

THANK YOUS & NEXT STEPS

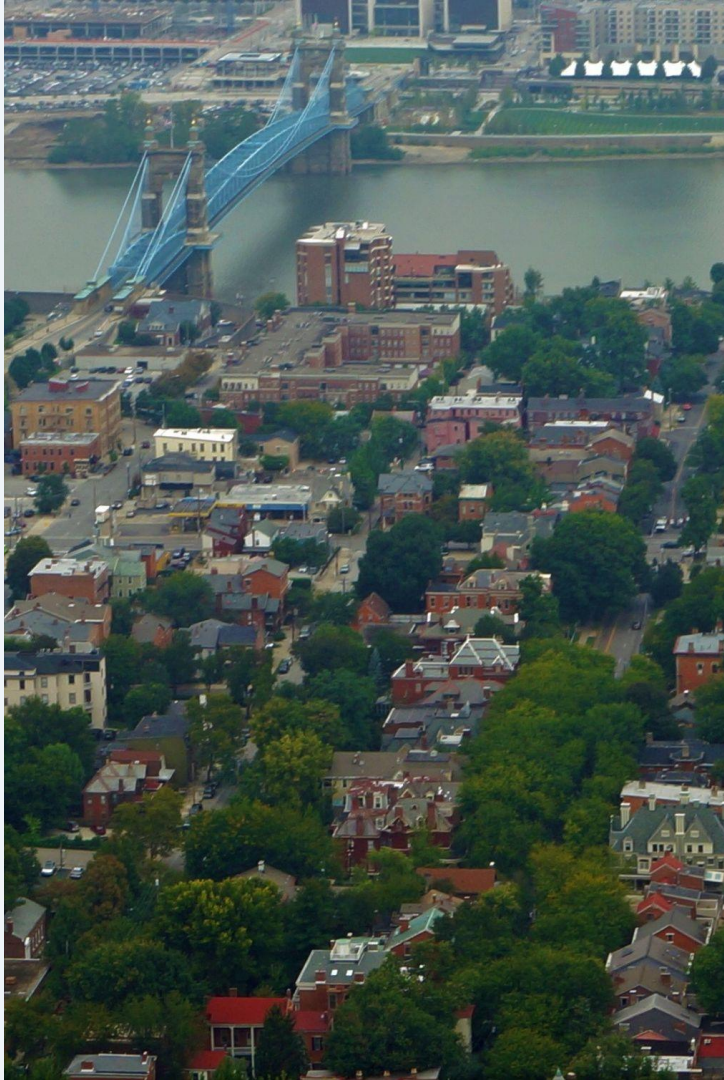
- Commission Presentation - August 13
  - Recommending adoption of draft resolution to establish a Climate Action Taskforce

  COMMISSION ACTION IS PIVOTAL!

- Memo sharing -throughout August
  - Available in Resource Folder - August 9
  - Emails to Senior Staff + Commission

- Greenspace Presentation - August 20

- *Green Umbrella Membership Renewal - exp 10/31*



Q&A

Oliver Kroner

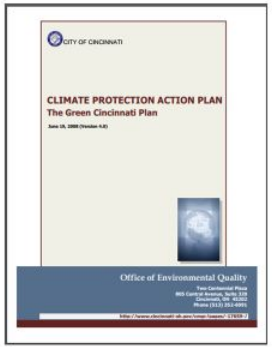
Director of the Office of
Environment & Sustainability

city of CINCINNATI




Climate is the context for everything

Climate Action ~~Planning~~ Practice



2008



2013

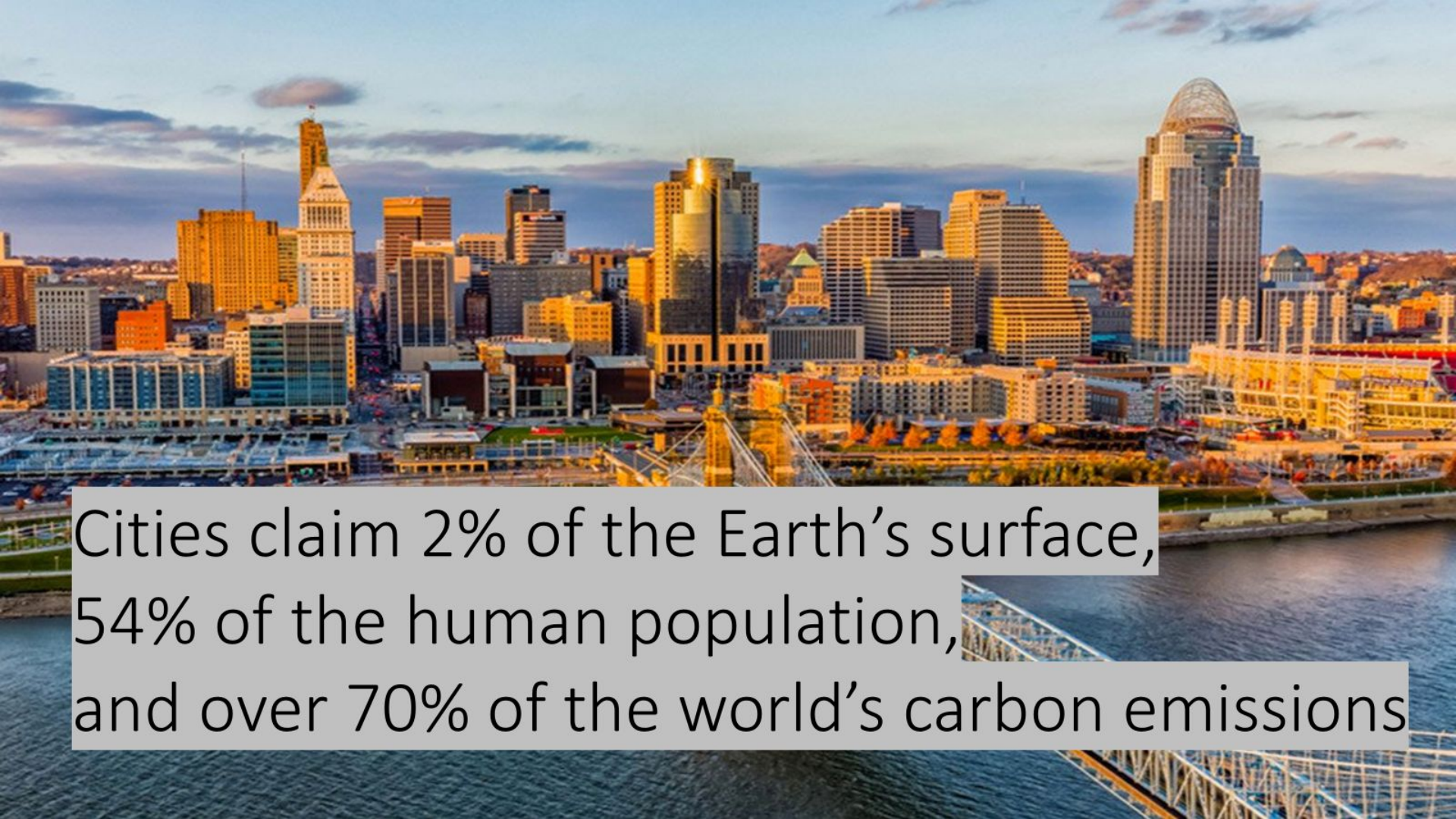


2018

>



Green Cincinnati Plan 2023


Cities claim 2% of the Earth’s surface,
54% of the human population,
and over 70% of the world’s carbon emissions

GREEN CINCINNATI PLAN



BUILDINGS & ENERGY



CITY OPERATIONS



COMMUNITY ACTIVATION



FOOD



NATURAL SYSTEMS



MOBILITY



RESILIENCE & ADAPTATION

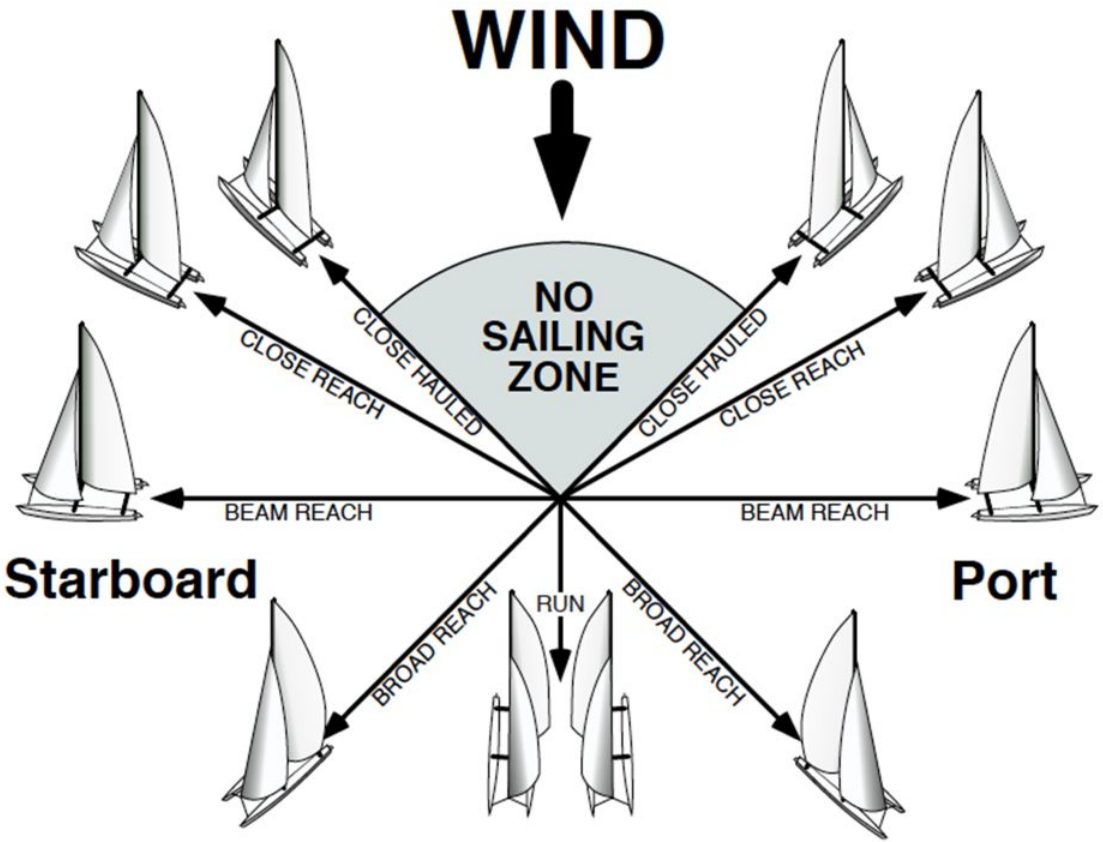


ZERO WASTE

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

Sustainability. Equity. Resilience.

Points of Sail




The next big thing
will be a lot of small things.

RECYCLING: Improving with RFID Technology



CINCY INSIGHTS

Recycling Participation

Total % of Recycling Participation

(All)

34%

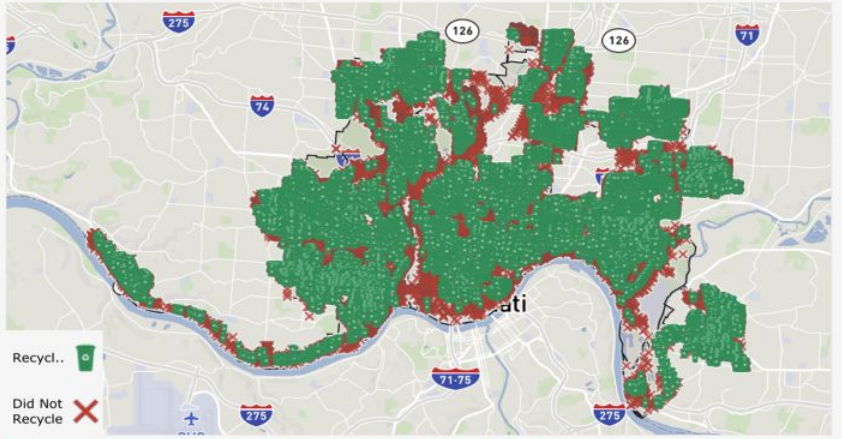
Participation by Neighborhood

(All)

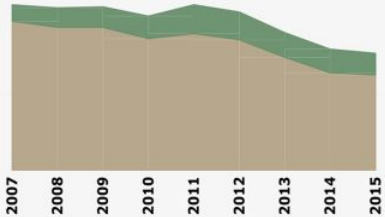
AVONDALE	17%
BOND HILL	31%
CALIFORNIA	21%
CAMP WASHIN..	
CARTHAGE	35%
CLIFTON	46%
COLLEGE HILL	45%
COLUMBIA TUS..	25%
CORRYVILLE	26%
CUF	35%
DOWNTOWN	
EAST END	
EAST PRICE HILL	24%
EAST WALNUT ..	32%
EAST WESTWO..	26%
ENGLISH WOODS	
EVANSTON	27%
HARTWELL	25%
HYDE PARK	61%
KENNEDY HEIG..	53%
LINWOOD	28%
LOWER PRICE H..	
MADISONVILLE	41%
MILLVALE	

Recycling Participation Map

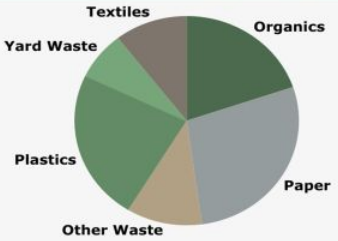
Search by Address or Street Name | Search by Zipcode | Choose Month to Filter: June 2018



Tons of Recycling and Landfill Waste by Year



Cincinnati Waste by Type (2012)



+ableau

Reflections

1) Climate is the context for everything.
2) Cites (metro regions) are the main characters of climate.
3) Imperfect action is better than inaction.
4) Read the winds. Be patient. Be agile.
5) Incremental change can drive transformation.
6) Lead by example, it's contagious!



oliver.kroner@cincinnati-oh.gov



NEXT STEPS

Continued work w/ Fellowship Hosts
Consultations, tools, policy models, and more!

Upcoming Member Benefits:
8/9: Food Systems Circularity Series
9/5: Direct Pay Tax Incentive Workshop
9/10: Local School Wellness Policy

2025 Climate Action Fellowship
Applications open this winter!

Not yet a Green Umbrella member?
Email membership@greenumbrella.org

UPCOMING GREEN UMBRELLA EVENTS



Cultivate + Connect

A Celebration of Our Regional Food System

SEP. 19 • 5:00-8:00PM • Reliquary, Urban Artifact

For registration & more information:
www.greenumbrella.org/events

2030 DISTRICTS NETWORK ANNUAL SUMMIT KICKOFF RECEPTION

Monday, September 30th
5:00-8:00 pm



Green Umbrella
REGIONAL CLIMATE COLLABORATIVE

CINCINNATI 2030 DISTRICT®

Sponsored by:

DUKE ENERGY.

IBEW LOCAL 212
Cincinnati, Ohio

metro


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