



Greening Cincinnati: Building a sustainable, equitable, resilient city.



CLIMATE CHANGE IN CINCINNATI

HEAT



PESTS



HEALTH



STORMS



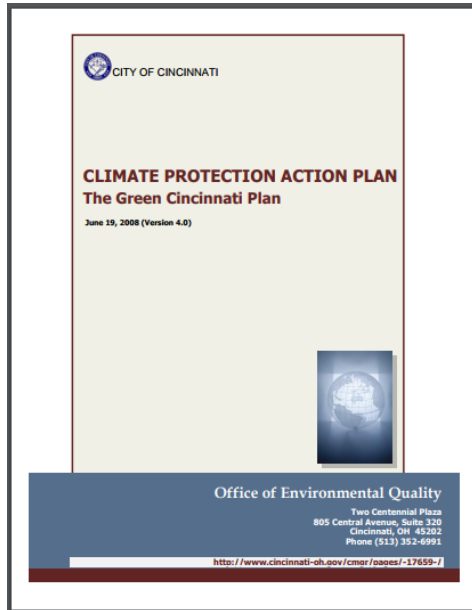
LANDSLIDES



SEWER BACKUPS



2018 GREEN CINCINNATI PLAN UPDATE



2008

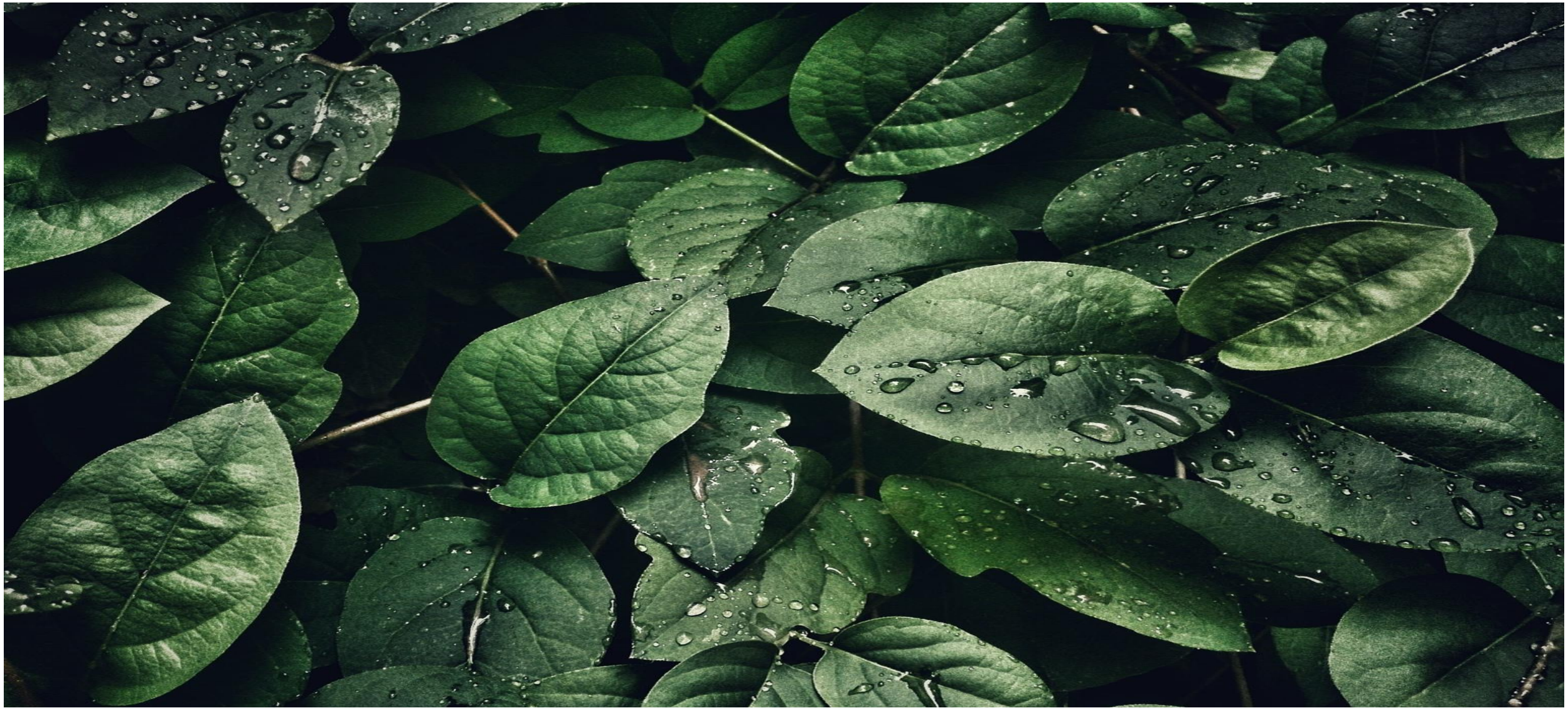


2013



2018

- **Mayor's motion July 2017 called for updated plan, including:**
 - **Carbon reduction goal: 80x50 – 80% emissions reductions by 2050**
 - **Renewable Energy: 100% by 2035**
 - **Steering Committee of organizational leaders to guide process**



2018 Green Cincinnati Plan



STEERING COMMITTEE

David Mann (Chair), Cincinnati City Council

Nathan Alley, Sierra Club

Robert Bell, Cincinnati Metropolitan
Housing Authority

Liz Blume, Xavier University

Dick Brewer, Duke Energy

Susan Brownknight, Living Arrangements for the Developmentally Disabled

Dr. James Buchanan
The Brueggeman Center Xavier University

Jim Burger, Cincinnati Children's Hospital Medical Center

Sister Barbara Busch, Working In Neighborhoods

Gerald Checco, Metropolitan Sewer District

Holly Christmann, Hamilton County Environmental Services

Alfonso Cornejo, Hispanic Chamber
Cincinnati USA

Dr. Marilyn Crumpton, Cincinnati Health Department

Chad Edwards, emersion DESIGN

Dwight Ferrell, Southwest Ohio Regional Transit Authority

Mark Fisher, Cincinnati Zoo

Jule Kucera, Fifth Third Bank

Fred Lampe, Greater Cincinnati Building
Trades

Joe Mallory, National Association for the Advancement of Colored People

Jack McAneny, The Procter & Gamble Company

Mary Beth McGrew, University of Cincinnati

Pastor Pete Mingo, Christ Temple F.G.B.C.

Dr. Monica Posey, Cincinnati State Technical and Community College

Brewster Rhoads, Green Umbrella, Ex Officio

Molly Robertshaw, Greater Cincinnati Foundation

Bill Scheyer, Green Umbrella

Tony Stieritz, Archdiocese of Cincinnati

Wade Walcutt, Cincinnati Parks

Paul Yankie, US Green Building Council

Community Vision





GREEN CINCINNATI PLAN



| BUILT ENVIRONMENT



| EDUCATION & OUTREACH



| ENERGY



| FOOD



| NATURAL SYSTEMS



| RESILIENCE



| TRANSPORTATION



| WASTE

80 Strategies to reduce carbon emissions 80% by 2050.

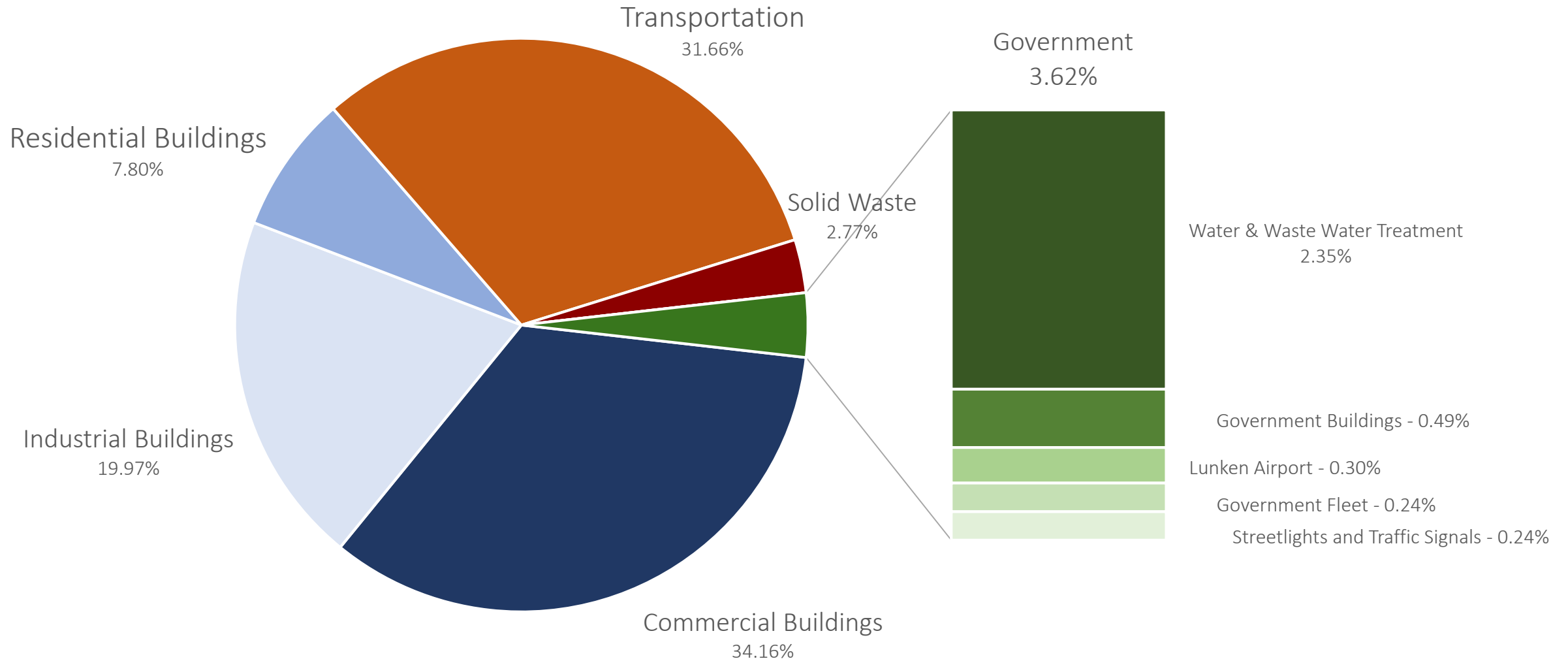
Sustainability. Equity. Resilience.



Cincinnati Carbon Profile

7.6M

metric tons of carbon
emitted in Cincinnati in 2015



CINCINNATI'S CLIMATE CHANGE GOALS

As part of the Green Cincinnati Plan, we will....



Transition the city to
100% renewable
energy.



Improve energy
efficiency of building
stock.



Increase public transit,
biking, and walking



Electrify transportation

100% Green Energy for the City

- 100 Megawatt solar farm under construction (Power Purchase Agreement)
- Energy Aggregation Program - Green energy delivered to ~80,000 homes and biz
- ~10% savings from conventional utility rate
- Workforce development program to grow solar sector employment





STAMFORD
12M square feet committed
[READ MORE >](#)



TORONTO
27M square feet committed
[READ MORE >](#)



PORTLAND, OREGON
2M square feet committed
[READ MORE >](#)



SAN ANTONIO
8M square feet committed
[READ MORE >](#)



DALLAS
30M square feet committed
[READ MORE >](#)



DENVER
26M square feet committed
[READ MORE >](#)



ALBUQUERQUE
12M square feet committed
[READ MORE >](#)



AUSTIN
17M square feet committed
[READ MORE >](#)



SAN FRANCISCO
10M square feet committed
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SEATTLE
10M square feet committed
[READ MORE >](#)



DETROIT
10M square feet committed
[READ MORE >](#)



GRAND RAPIDS
10M square feet committed
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BURLINGTON
6M square feet committed
[READ MORE >](#)



CLEVELAND
54M square feet committed
[READ MORE >](#)



ITHACA
0.2M square feet committed
[READ MORE >](#)



LOS ANGELES
11M square feet committed
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PHILADELPHIA
16M square feet committed
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PITTSBURGH
79M square feet committed
[READ MORE >](#)

CINCINNATI

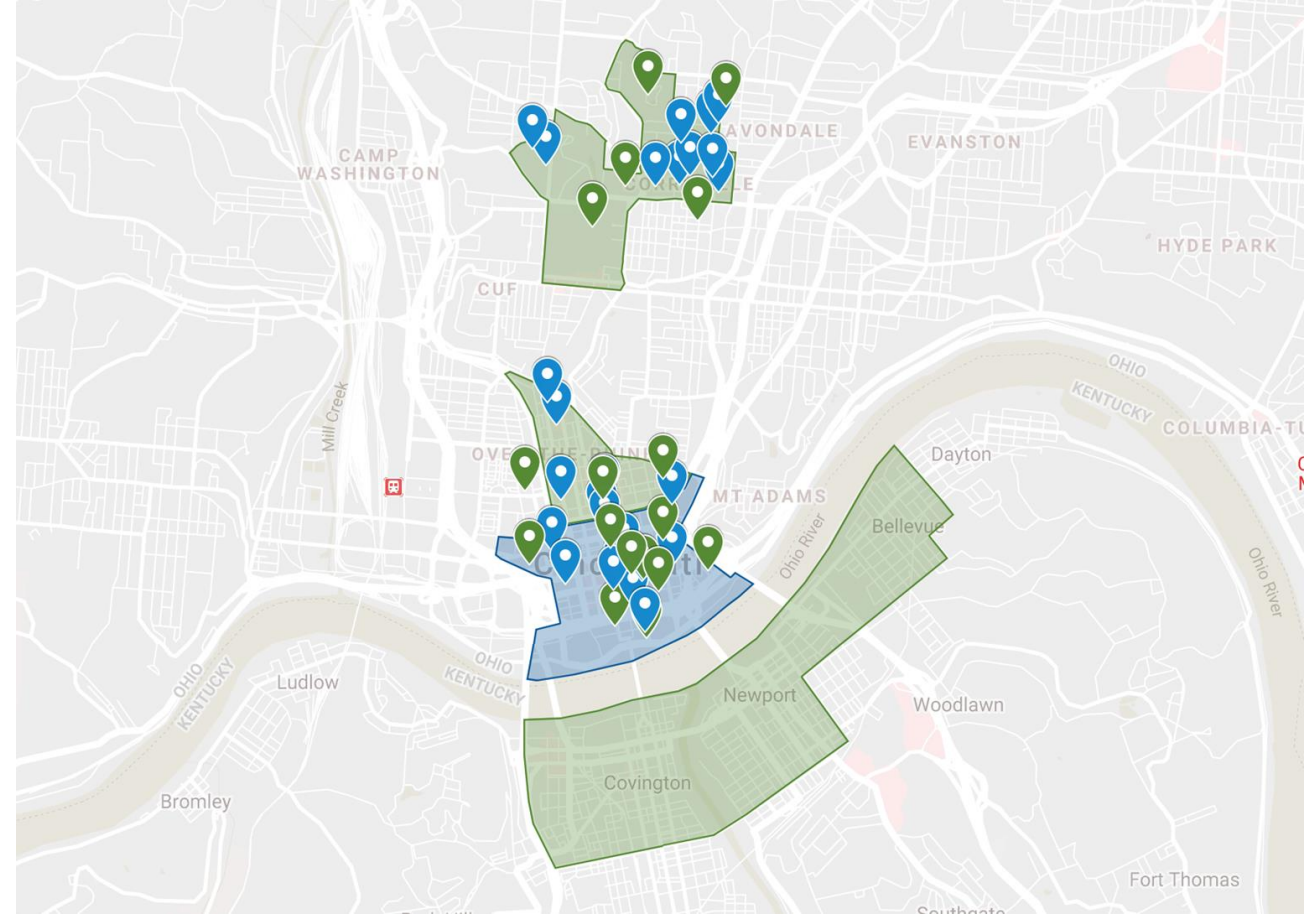
2030

DISTRICT[®]

Cincinnati 2030

2030 District: A national model for urban sustainability - are made up of property owners who make a collective commitment to reduce their buildings' energy use, water consumption and transportation emissions by 50% by the year 2030.

www.2030districts.org





WarmUp Cincy

Energy Efficiency for Low-Income
Apartment Buildings



Transit Sales Tax

\$100-150M generated annually to
improve transit and infrastructure





Transportation:

Vehicle Electrification



Charging ports installed in Cincinnati



Residents educated on electric vehicles



1,000 cars registered in EV free parking program



60 hybrid-electric vehicles for police



20 all-electric vehicles for city fleet



GREEN CINCINNATI PLAN



| BUILT ENVIRONMENT



| EDUCATION & OUTREACH



| ENERGY



| FOOD



| NATURAL SYSTEMS



| RESILIENCE



| TRANSPORTATION

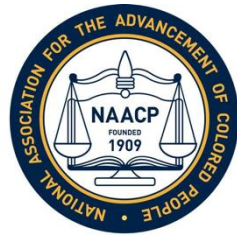


| WASTE

80 Strategies to reduce carbon emissions 80% by 2050.

Sustainability. Equity. Resilience.

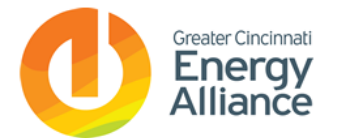
PLAN IMPLEMENTATION



venture
smarter



2030
DISTRICTS®



Resources

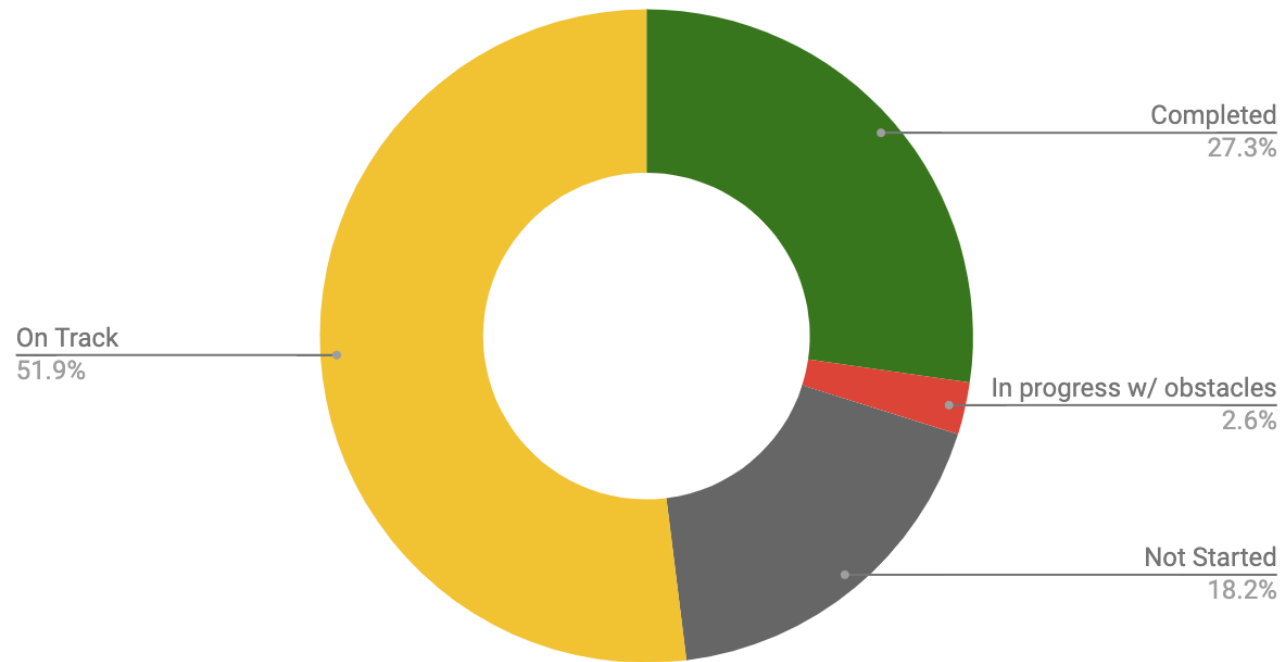
- Over \$4M in grant support to accelerate sustainability work



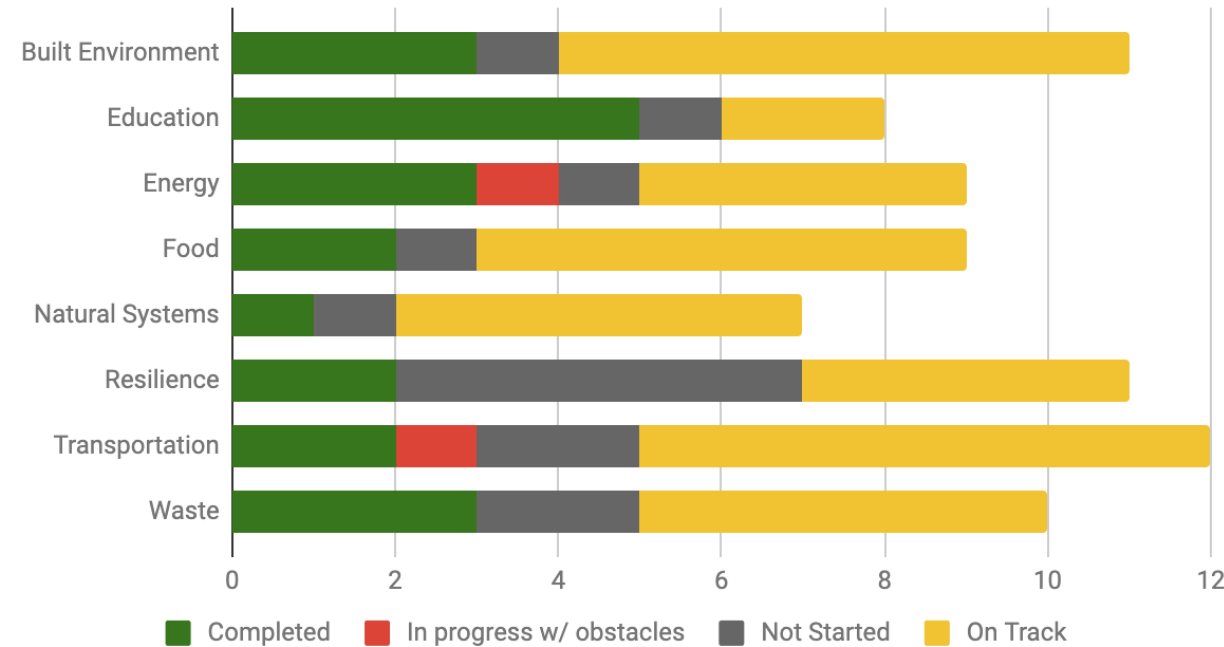


Progress tracking

Recommendation Progress

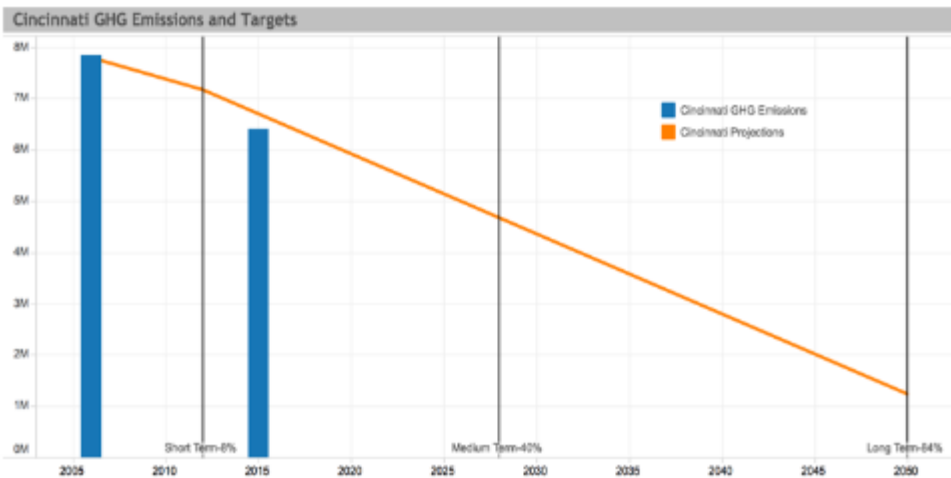


Recommendation Progress by Chapter





Cincinnati Carbon Emissions

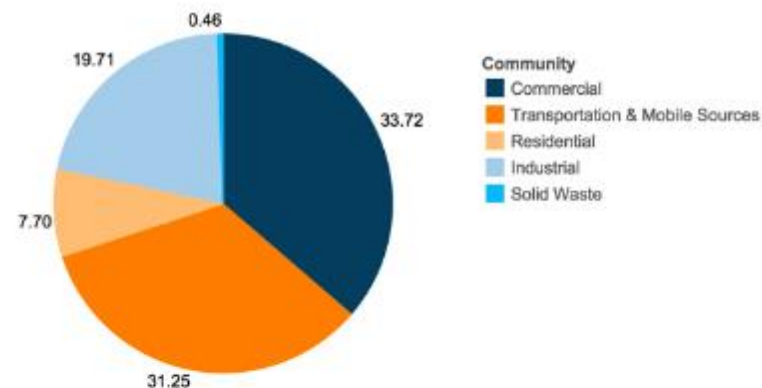


-18.4% **-36.3%**

Reduction in
Community Carbon
Emissions since 2006

Reduction in Govt. Carbon
Emissions since 2006

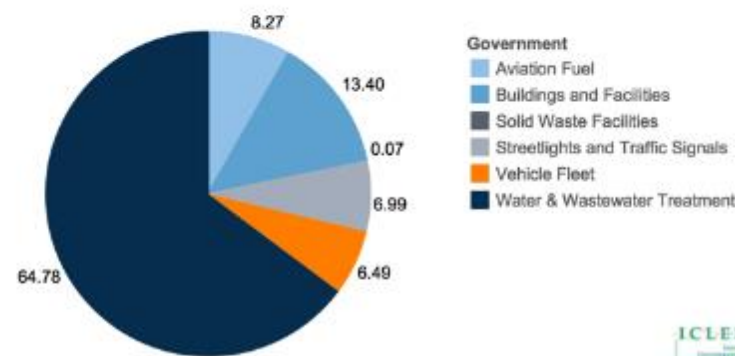
2015 Community Emissions



2015 Government Emissions



2015 Government Emissions



2015 Community Emissions





Looking Forward

- \$20M+ in Energy Efficiency Upgrades
- Renewable Energy Accelerator
- Transit Oriented Development Guidance
- Fleet Electric Vehicle Purchasing Plan
- \$2T Federal Clean Infrastructure Plan
- 2023 Green Cincinnati Plan Update