



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





CLIMATE CHANGE IN CINCINNATI

HEAT



PESTS



HEALTH



STORMS

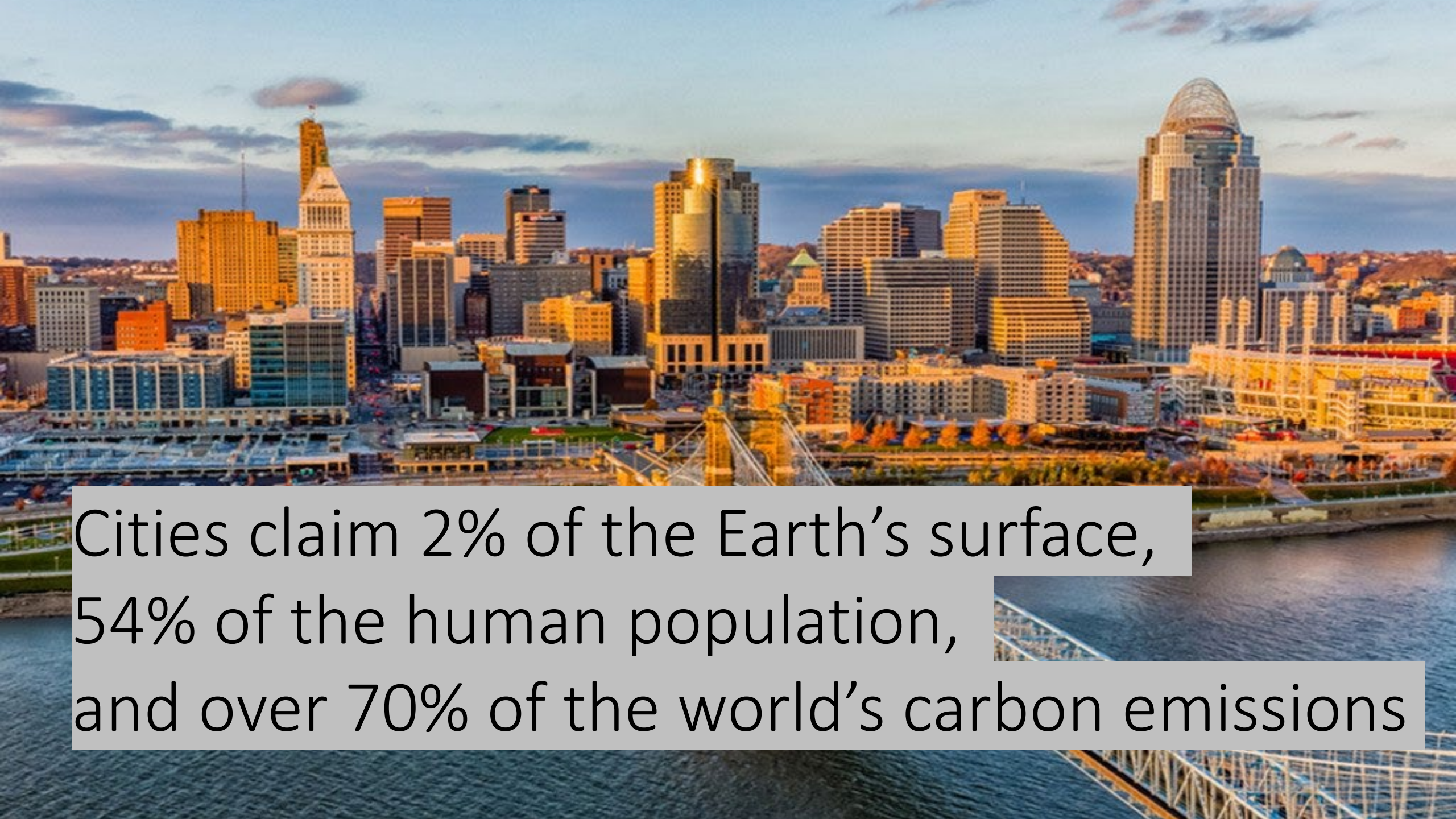


LANDSLIDES



SEWER BACKUPS





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



Green Cincinnati

BUILDING A SUSTAINABLE AND EQUITABLE CITY

PROCESS

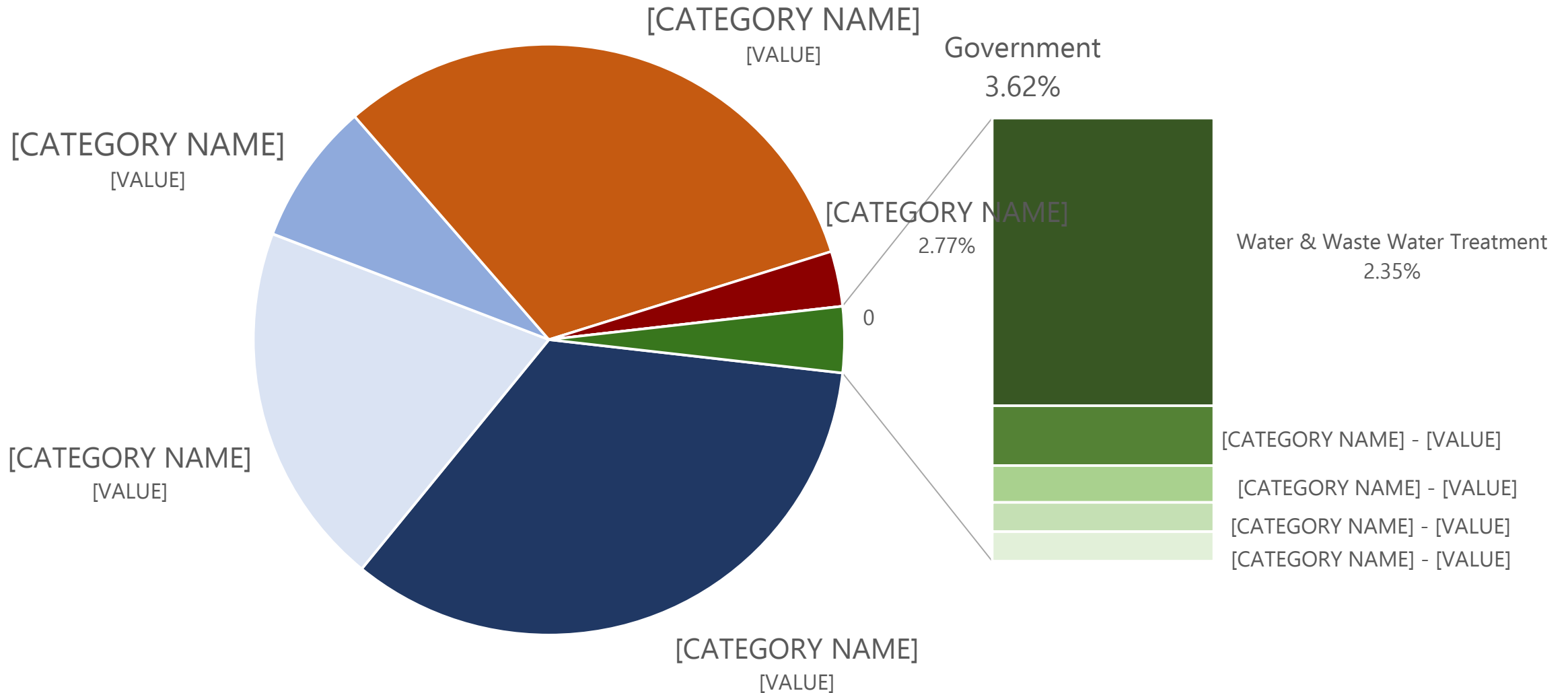




Cincinnati Carbon Profile

7.6M

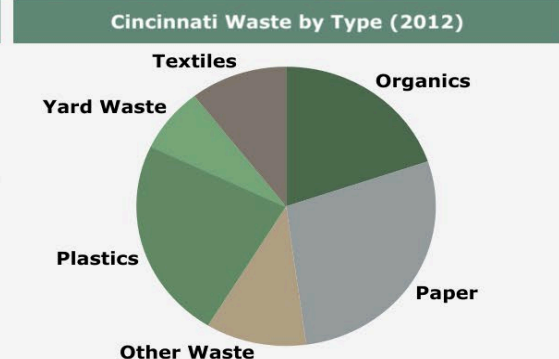
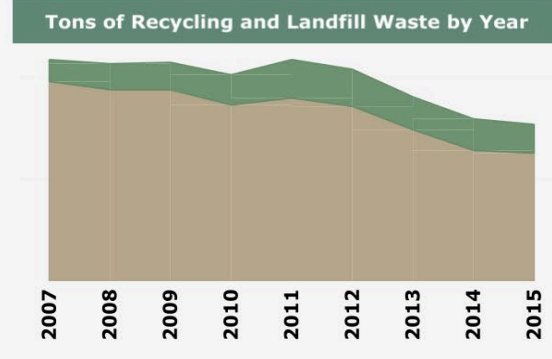
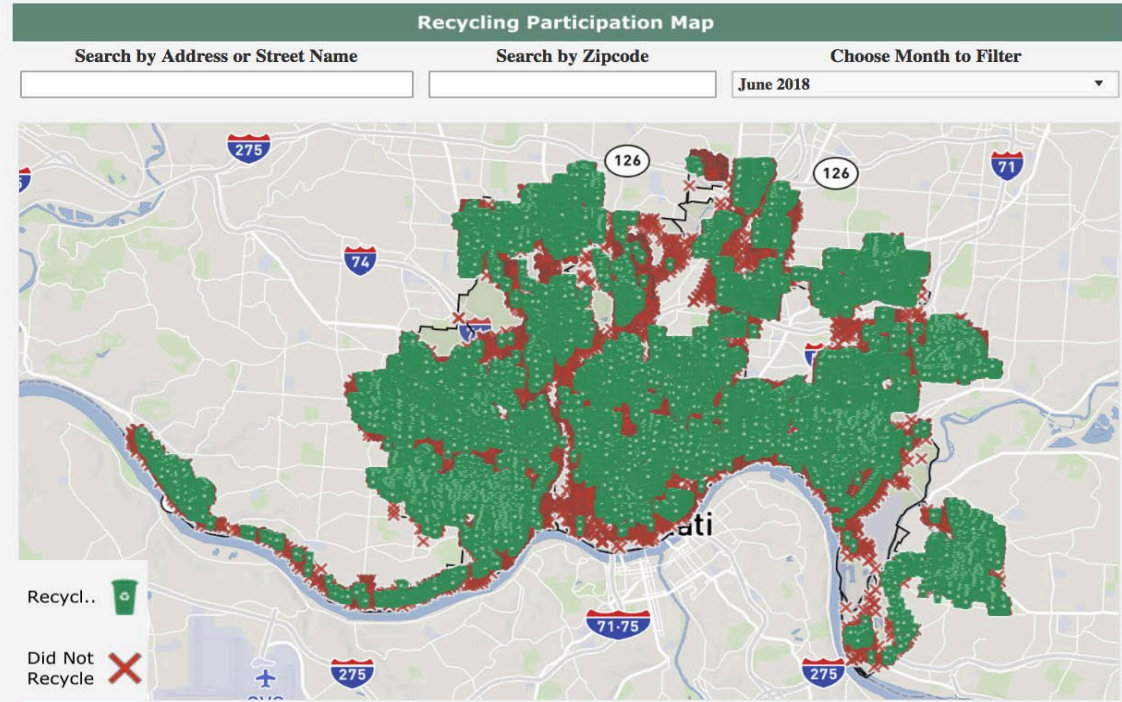
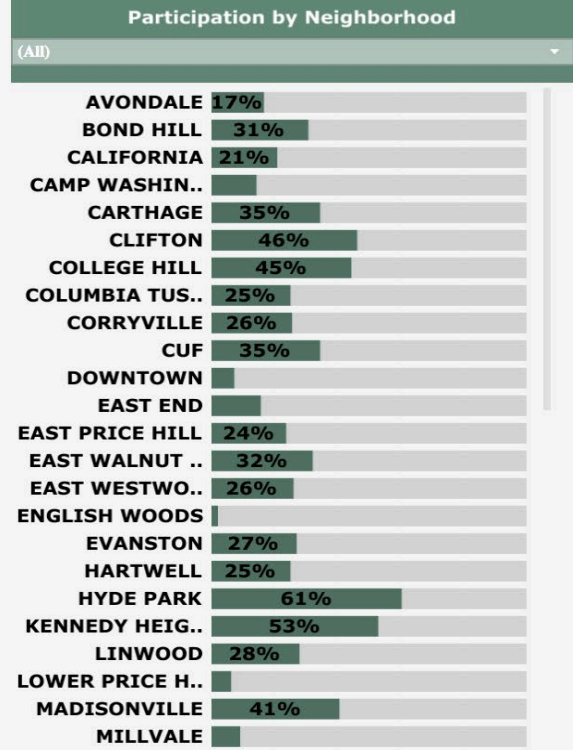
metric tons of carbon
emitted in Cincinnati in 2015



RECYCLING: Improving with RFID Technology



CINCY INSIGHTS Recycling Participation





First US Net Zero Police HQ

- Net Zero – creates as much energy as it consumes
- LEED Platinum
- Solar + Geothermal

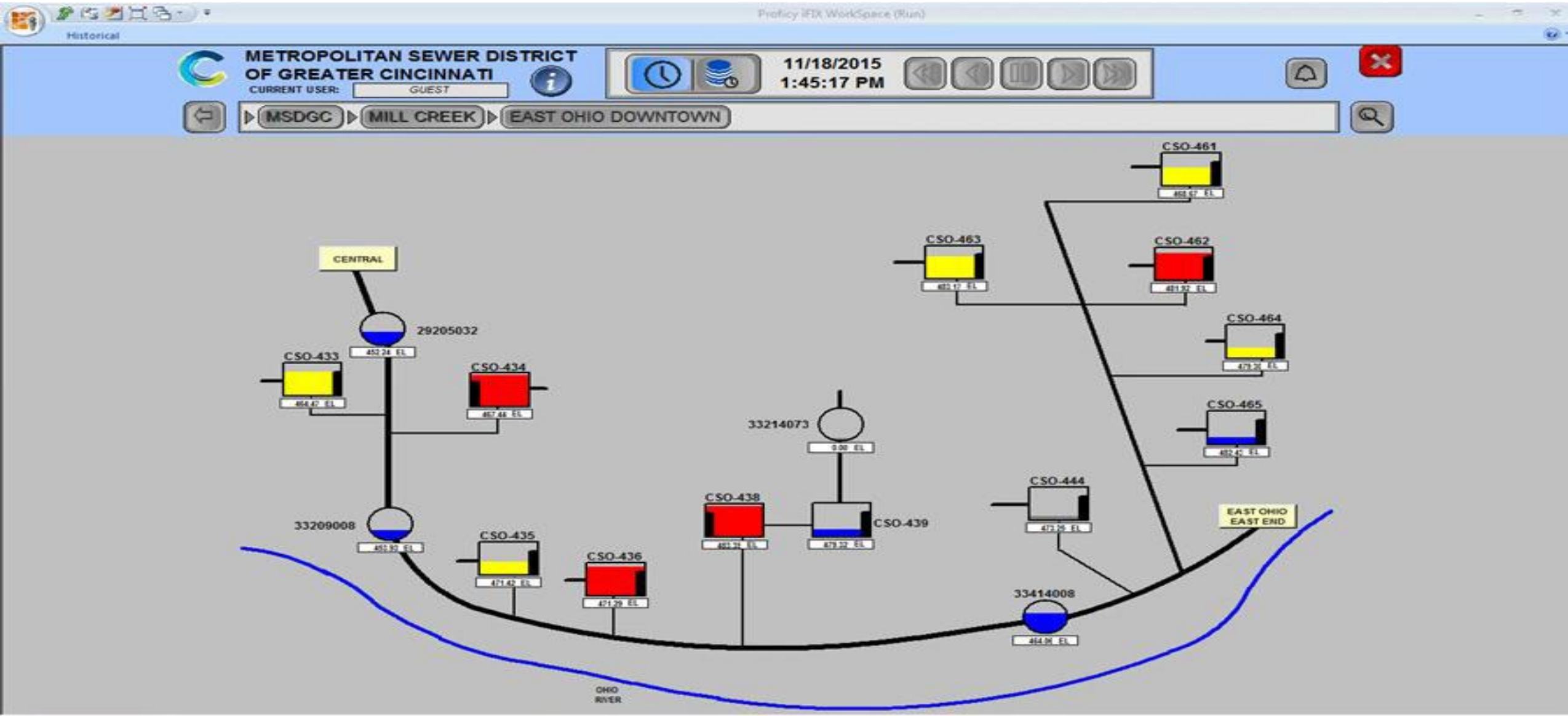


100% Green Energy for the City

- 100% Renewable Energy for the City
- Energy Aggregation Program - Green energy delivered to ~80,000 homes and biz
- ~10% savings from conventional utility rate

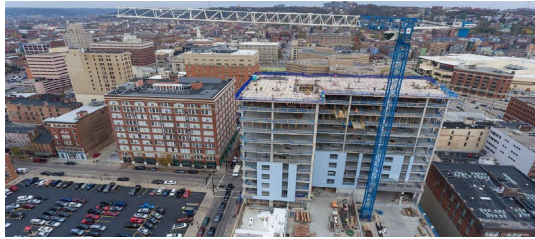


RESILIENCE: Smart Sewers - SCADA





2018 GREEN CINCINNATI PLAN



| BUILT ENVIRONMENT



| EDUCATION & OUTREACH



| ENERGY



| FOOD



| NATURAL SYSTEMS



| RESILIENCE



| TRANSPORTATION



| WASTE

80 Strategies to reduce carbon emissions 80% by 2050



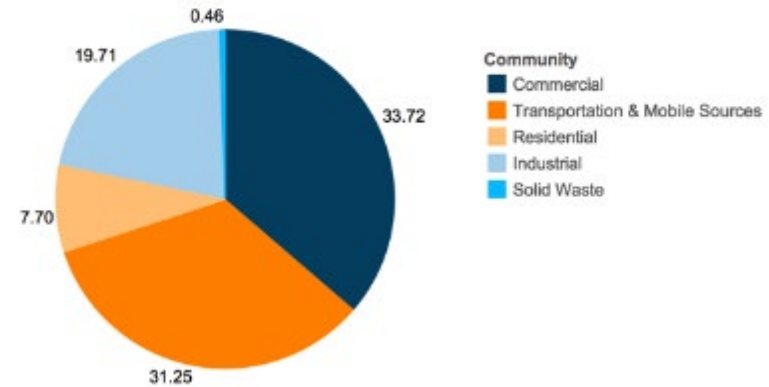
Cincinnati Carbon Emissions



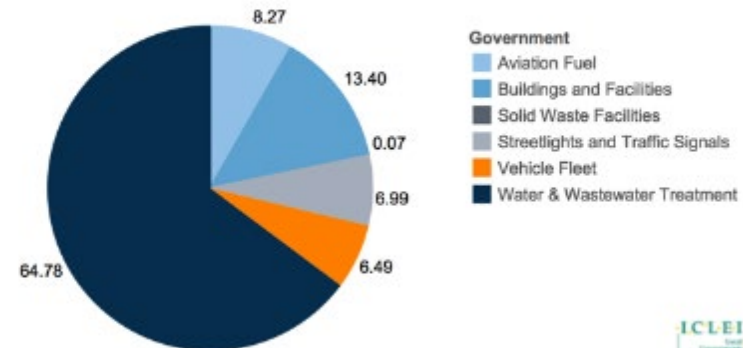
-18.4%
**Reduction in Community
 Carbon Emissions since 2006**

-36.3%
**Reduction in Govt. Carbon
 Emissions since 2006**

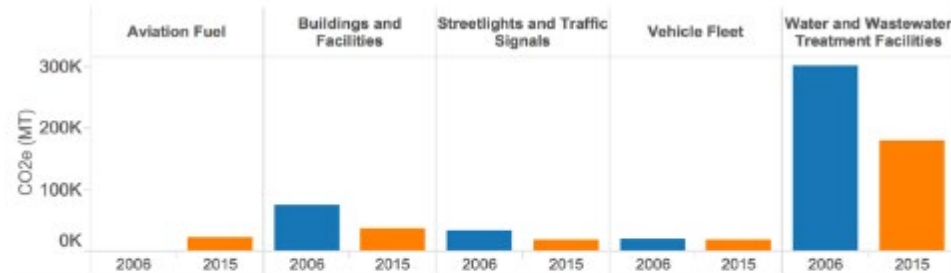
2015 Community Emissions



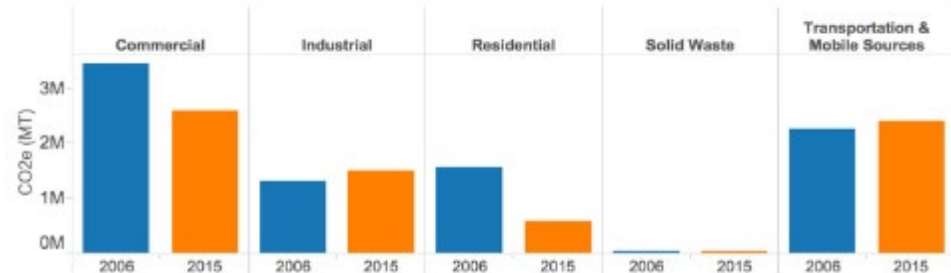
2015 Government Emissions

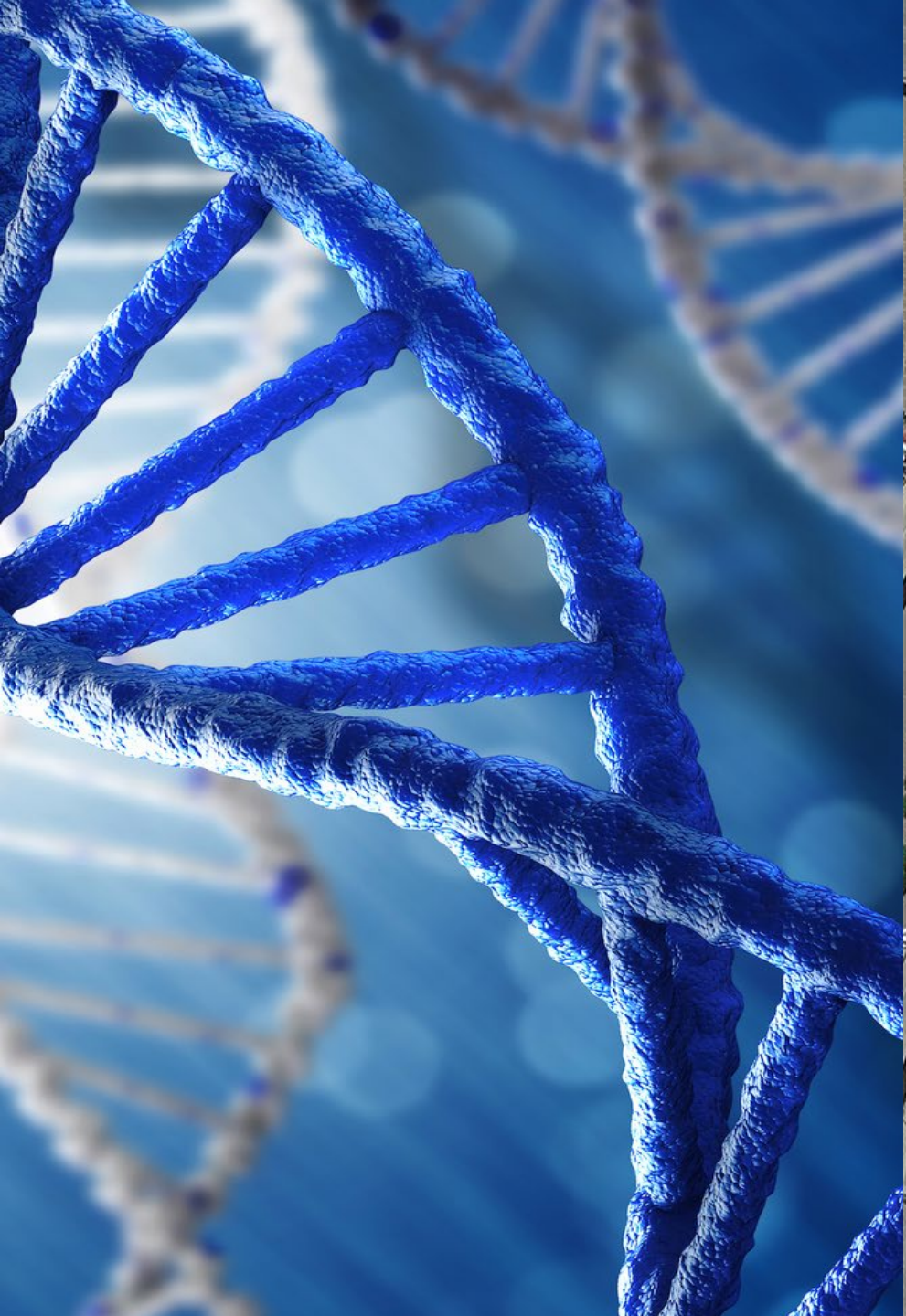


2015 Government Emissions



2015 Community Emissions

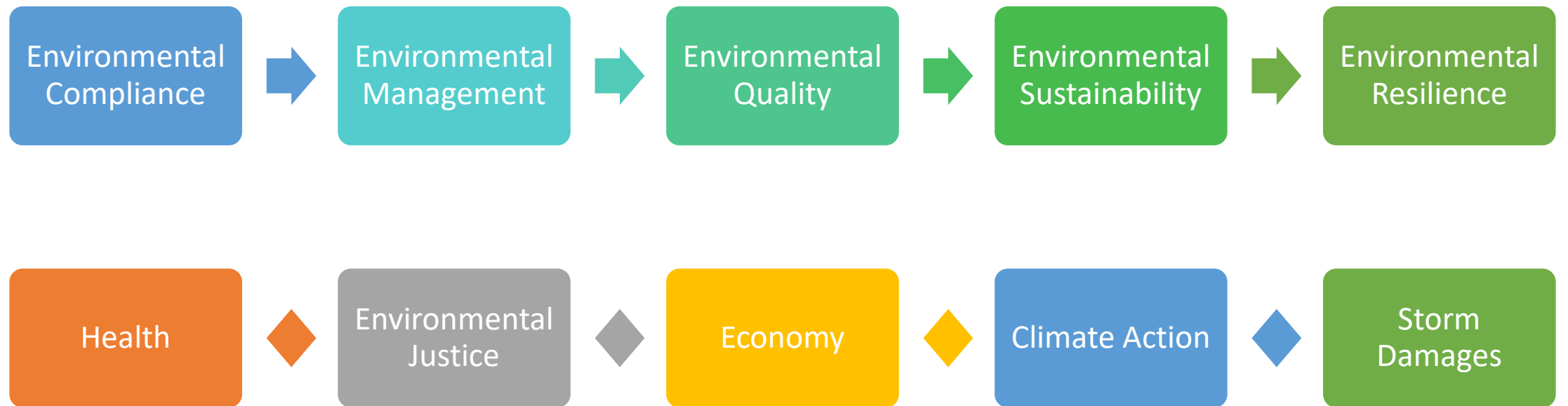






[GreenCincinnatiPlan.org](https://www.GreenCincinnatiPlan.org)

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"The greatest threat to our planet is the belief that someone else will save it."

-Robert Swan



<http://blog.cincinnatichildrens.org/research-and-discoveries/study-shows-biologic-basis-for-hard-to-treat-asthma/>