

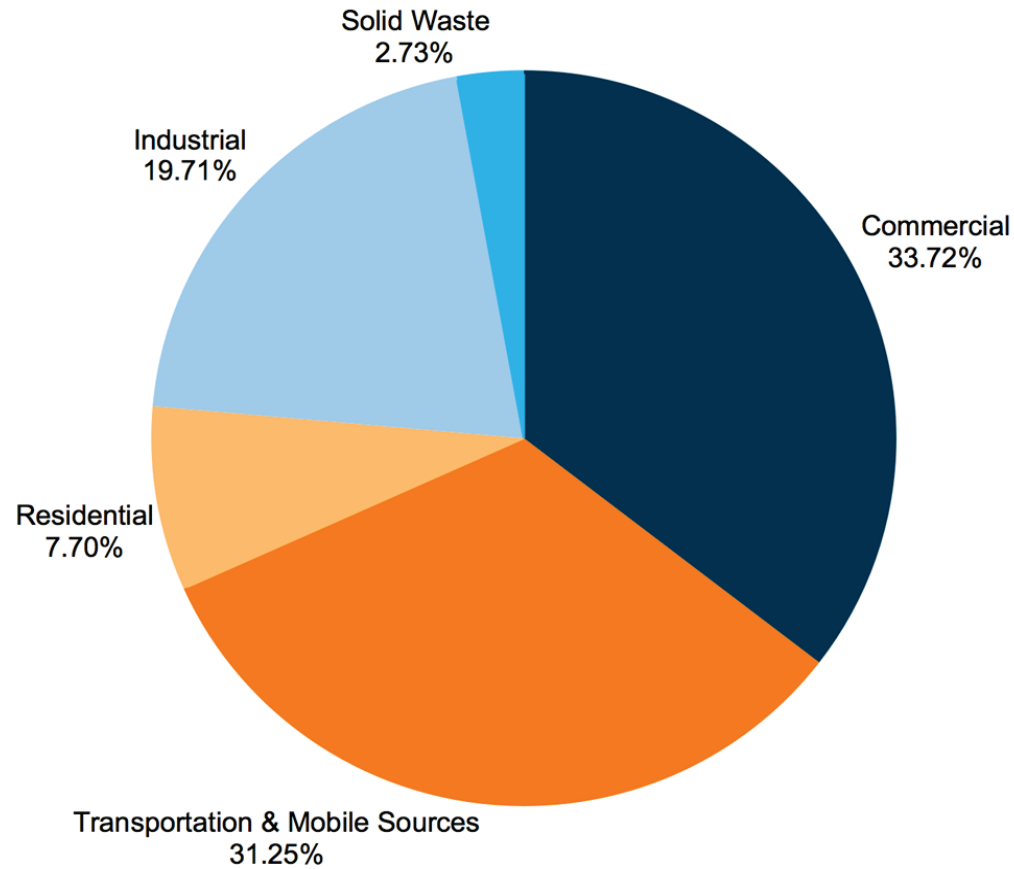
City of Cincinnati Sustainability Road Map:

2018 Green Cincinnati Plan – 80 Recommendations to achieve 80% reduction by 2050

- 3rd iteration
- 30 public meetings
- 1400 public comments

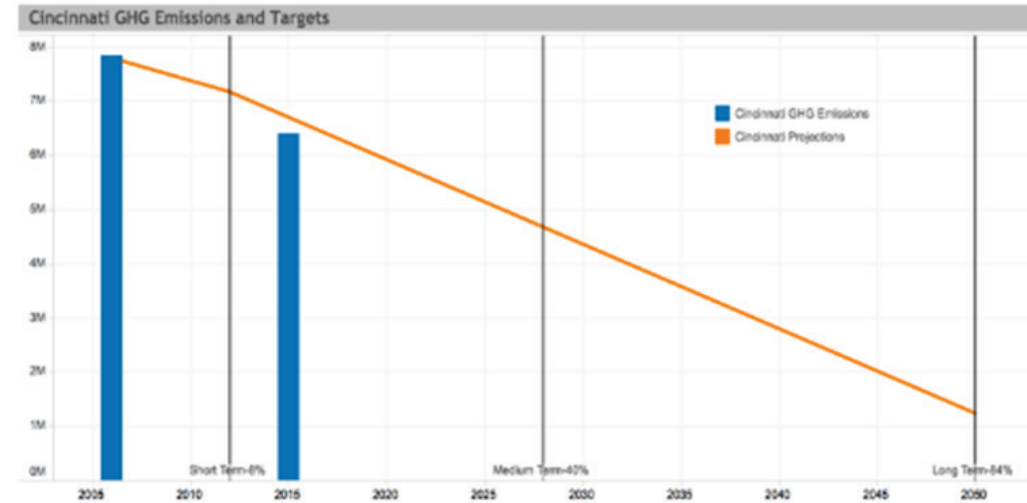


Eliminating Greenhouse Gas Emissions



-18.4%
Reduction in Community
Carbon Emissions since 2006

-36.3%
Reduction in Govt. Carbon
Emissions since 2006



READY FOR 100

Commits the City to 100% renewable energy by 2035 – Different for each City

- 100% Renewable Electricity
- 100% Renewable Natural Gas
- 100% Electrified Fleet

Ordinance supporting this initiative passed in December 2018

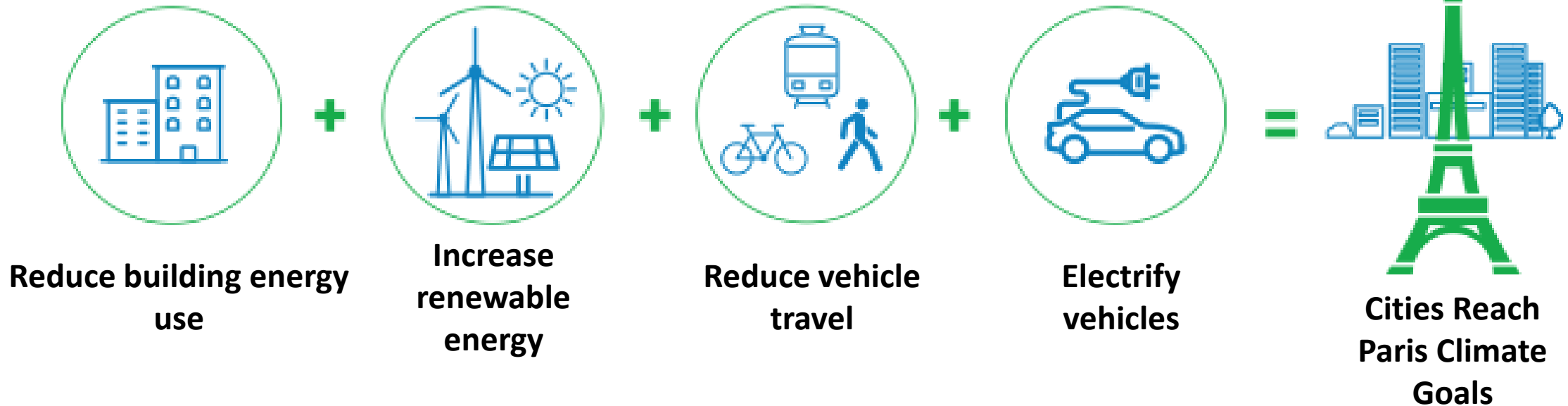


"I believe that the transition to 100% clean energy is good for my community, for Cincinnati."

—MAYOR JOHN CRANLEY of Cincinnati, Ohio

About the American Cities Climate Challenge

The **American Cities Climate Challenge** is a Bloomberg Philanthropies initiative that aims to accelerate and deepen U.S. cities' efforts to create the **greatest climate impact through 2020** and showcase the benefits – **good jobs, cleaner air, and cost savings** – that climate solutions brings.



Steps Taken To Implement

- 1) Research applicability
- 2) Cost savings analysis
 - converting 5 vehicles to EV save 20,000 per year
 - Reduce GCH by 74%
 - Save 6,530 gallons of fuel
- 3) Piloting
- 4) Evaluating
- 5) Long Term Planning and Investing

NYC Fleet			
Saving Maintenance Costs with Electric Vehicles			
Vehicle Model	System	Number	2018 Maintenance Cost
Bolt	All electric BEV	93	\$204.86
Focus	Gas	11	\$1,805.24
Focus Electric	All electric BEV	7	\$386.31
Fusion	Gas	62	\$1,621.34
Fusion Energi	Hybrid Gas/Electric Plug in	154	\$496.73
Fusion hybrid	Hybrid Gas/Electric	205	\$1,310.89
Leaf	All electric BEV	149	\$344.14
Prius	Hybrid Gas/Electric	1,131	\$893.31
Taurus	Gas	38	\$922.67
Volt	Hybrid Gas/Electric Plug in	43	\$1,210.40
Data from DCAS Client Program, CY2018			

100% Electrification

Initiatives EV on City Fleet:

- Cincinnati has started a pilot EV program for City Fleet
- Conducting fleet wide analysis of potential use
 - EV Light Duty – piloting 3 additional 16 on order
 - EV Mowers - piloting
 - Hybrid Police Vehicles – currently going into service
 - Idle reduction technology - piloting
 - EV Trash Trucks/Mid duty vehicle – researching

Public Charging Infrastructure:

- Parking EV Make Ready Ordinance
- Aligning Private Business – Cincinnati 2030 District
- VW Emissions Grant \$
- Utility Incentives/Partnerships

