

City initiatives to reduce greenhouse gas emissions

BUILDINGS

Solar panels on **12** buildings and counting

Targeting **430** tonnes reduction in GHG 2020-2023

21% reduction in GHG since 2011 through energy conservation in City facilities



Developing a retrofit program for homeowners

Plan in progress to incentivize **net-zero** buildings in our community

COMMUNITY PLANNING

Now creating **2020 to 2040** Climate Change Management Strategy to guide local climate action

1st in Ontario to declare a Climate Change Emergency



Will develop a charitable fund for climate action

Density by Design connects land use decisions to carbon reduction



Joined the Global Covenant of Mayors for Climate & Energy

PARTNERSHIPS



Avoided **200,000** tonnes GHG via community green economy program since 2016

City and Sustainable Kingston Co-host annual Climate Change Symposium



Working Group on Climate Action identified low cost measures to reduce GHG in the industrial, commercial and institutional sector

TRANSPORTATION

48 Public EV charging stations



41.6km new active transportation infrastructure and 19 intersection upgrades by 2023

4 express transit routes with more to come

91.2% growth in transit ridership, 2011-2018

36 hybrid and electric vehicles in City and Utilities Kingston fleet

Purchasing **2** electric buses

Developing **4** city-wide cycling routes



Community bike-share program

WASTE AND WATER

Residential green bin program diverts **40,200** tonnes of organic waste from landfill. 9,250 tonnes of GHG avoided since 2010

Increasing participation of the Green Bin and Recycling Cart programs at multi-residential homes and now offering free Green Bins to schools



The Grand Theatre becomes the first City facility to remove single-use plastics



Exploring turning organic waste into renewable energy

Renewable natural gas powers Ravensview Wastewater Treatment Facility



ADAPTATION AND GREENSPACE

More than **37,000** trees planted on City properties since 2015



Discount program for residents to buy trees coming in 2020

Parks are changing with new types of trees, increased shade, and naturalized landscapes, drainage, and infrastructure.

\$50.5M from City and Federal Government for climate change adaptation projects such as shoreline protection

Our Greenhouse gases (GHG) contribute to the climate change crisis. The City has set ambitious targets to reduce them.

Achieve 15% reduction in GHG emissions from 2018 levels by **2022**

Achieve carbon neutrality by **2040**

Change for climate now

CityofKingston.ca/Change-for-Climate

