

The Next 22 Years



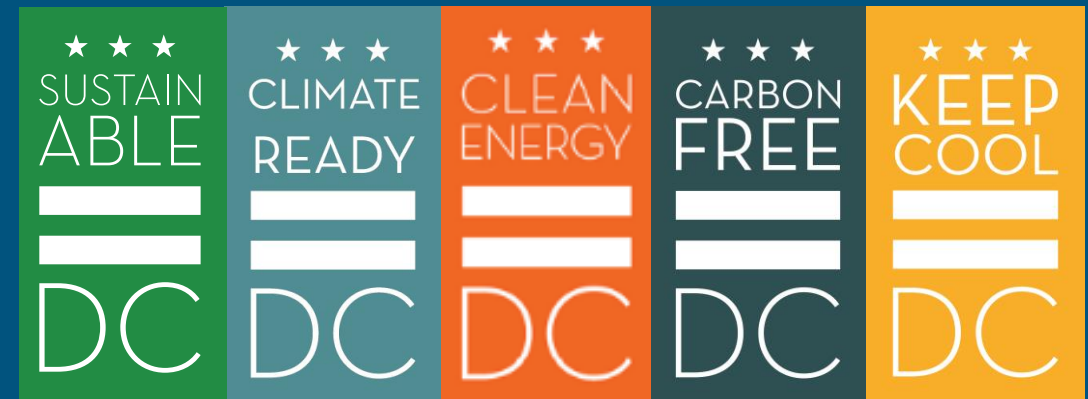
Addressing Climate Change in the District of Columbia

Maribeth DeLorenzo

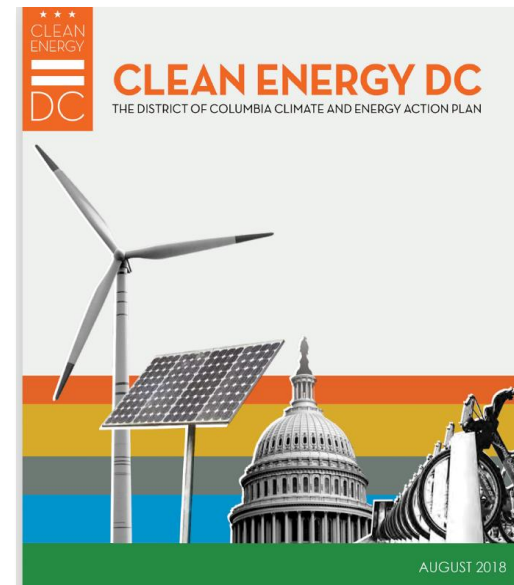
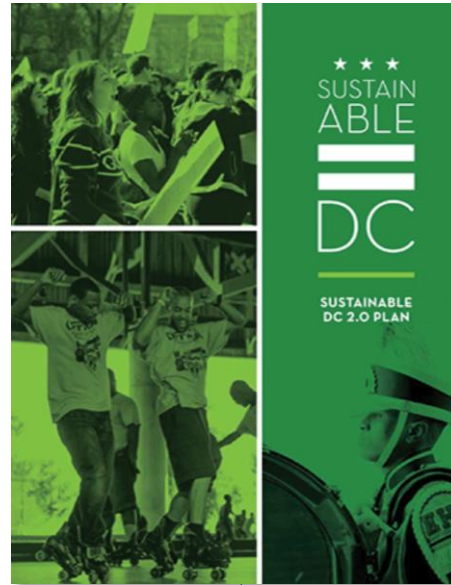
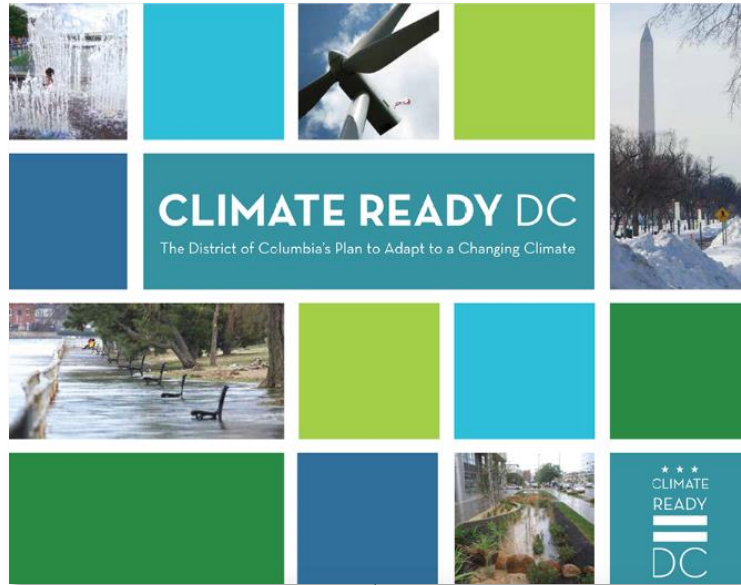
Deputy Director

Urban Sustainability Administration

Department of Energy and Environment



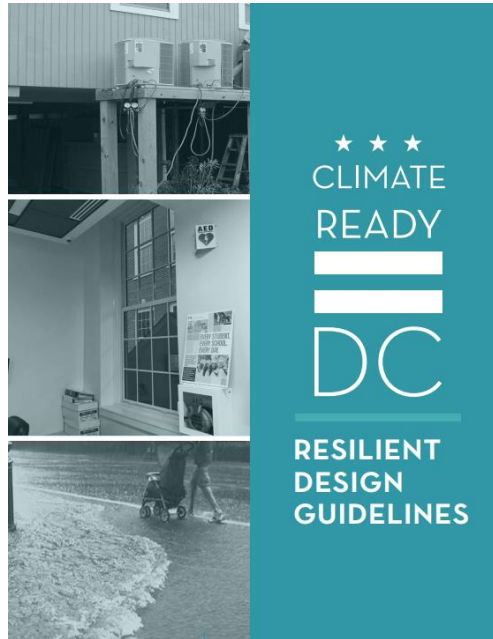
The District of Columbia's Climate Plans



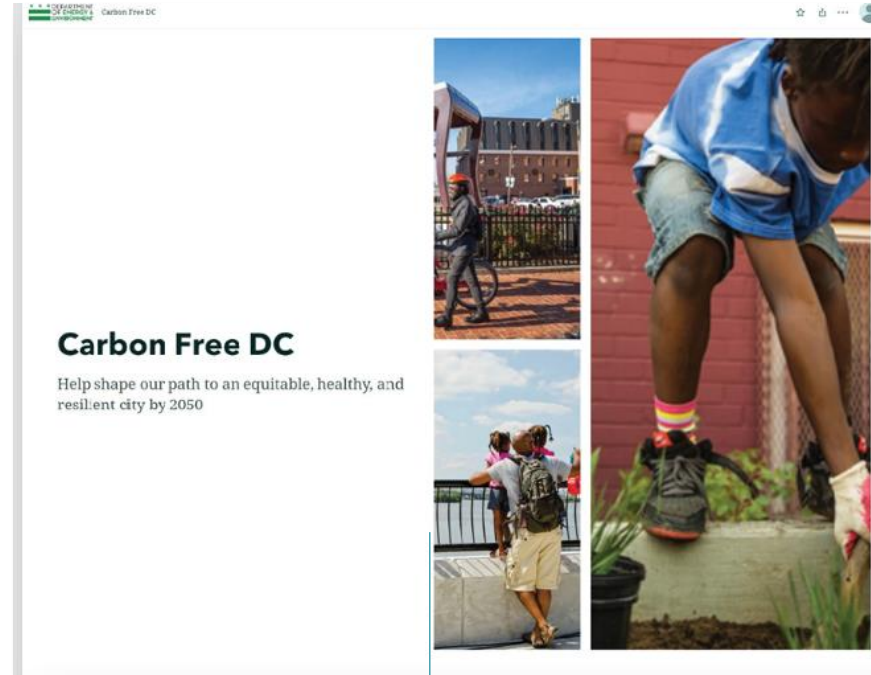
2015

2020

The District of Columbia's Climate Plans



2020



2025



Looking forward 22 years



2025

2030

Within a few years

More homes sign up for the

FloodSmart Homes

program, launched 2022



Is Your Home Flood-Ready?

Find Out for Free with **FloodSmart Homes!**

If you're interested in making improvements to your home to reduce the risk of flood damage, the District of Columbia Department of Energy and Environment (DOEE) would like to help.

2025

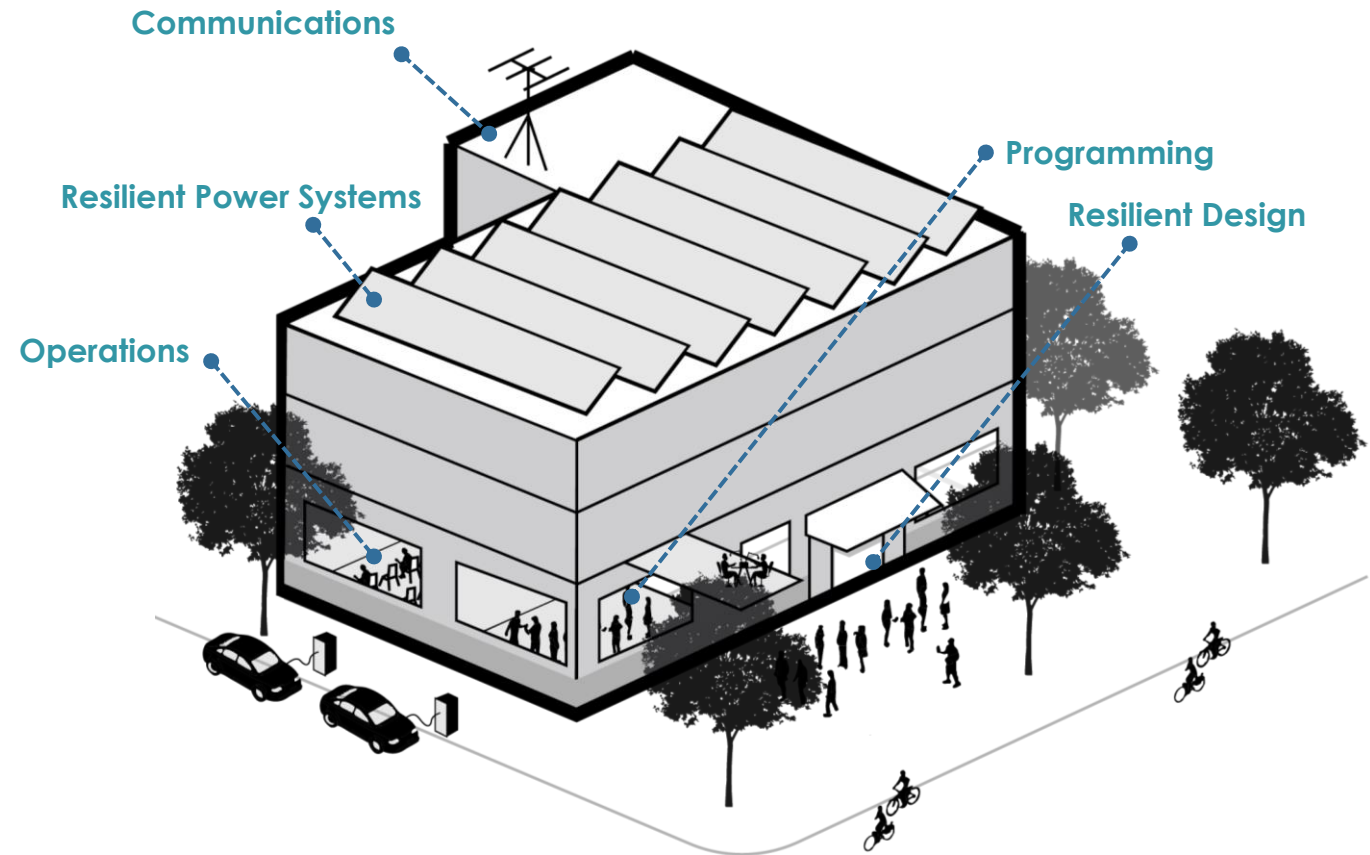
2030

Within a few years

The F.H. Faunteroy Community Enrichment Center serves as a pilot for new community facilities that join the growing network of

Community Resilience Hubs

launched in 2023.



2025

2030

By 2030 and 2032

60%
reduction in
greenhouse
gas emissions

2030



100%
of new buildings
designed to
withstand impacts of
climate change

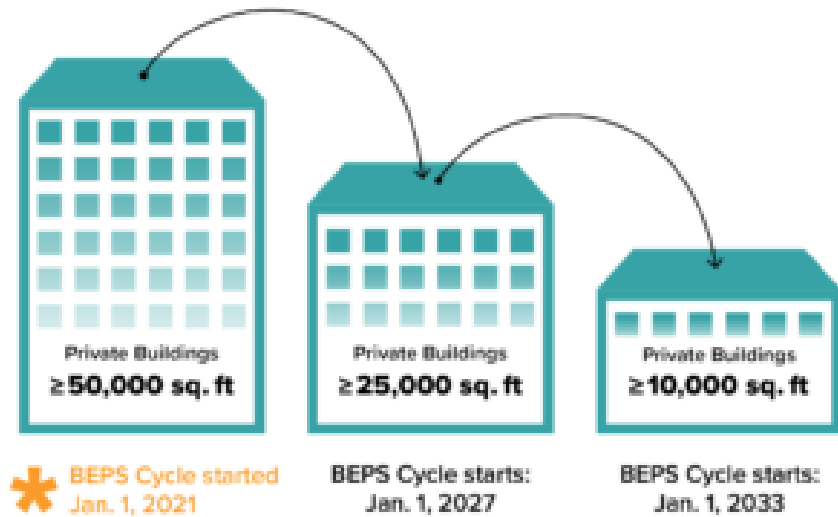
100%
renewable
electricity

2035

By 2040

All buildings over 10,000 square feet in the District will achieve the

Building Energy Performance Standards



Affordable housing providers will have received assistance through DOEE's

Affordable Housing Retrofit Accelerator

2035

2040

By 2043

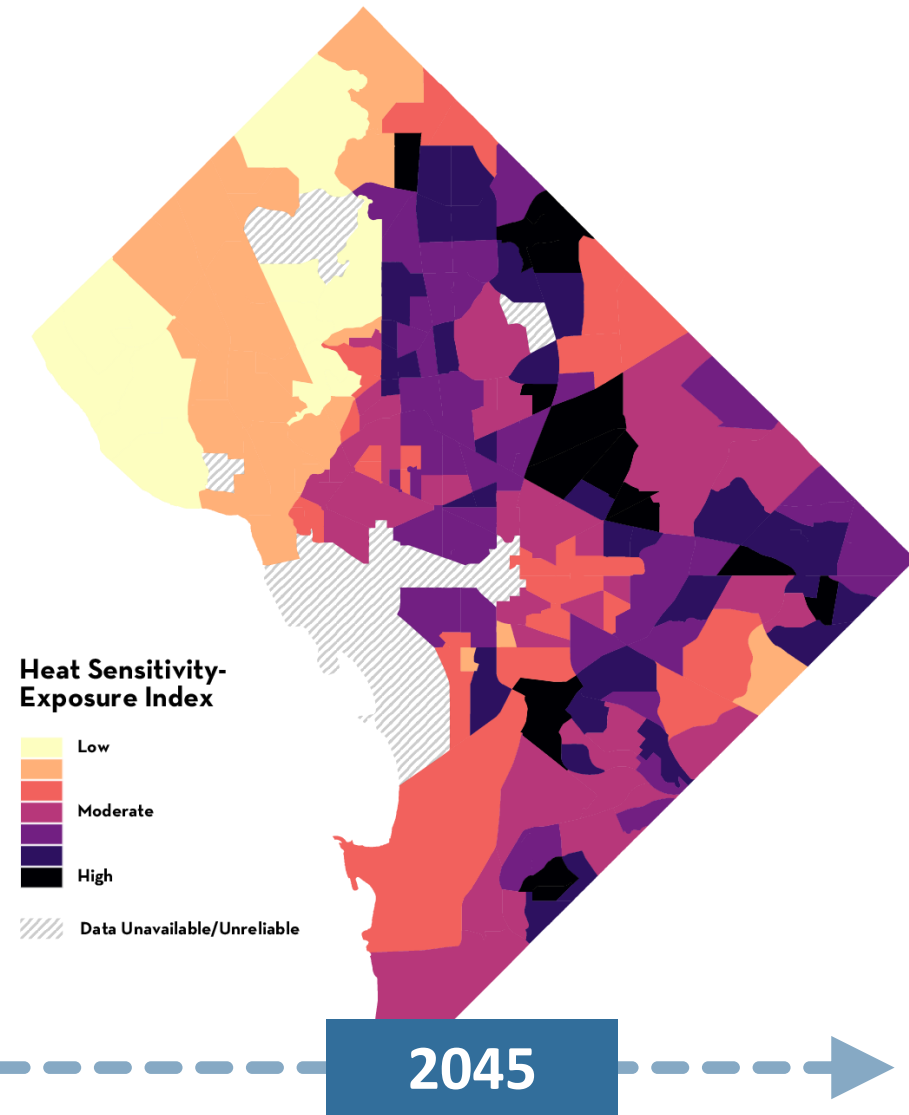
The District is beginning to see nearly

2x extreme heat days per year

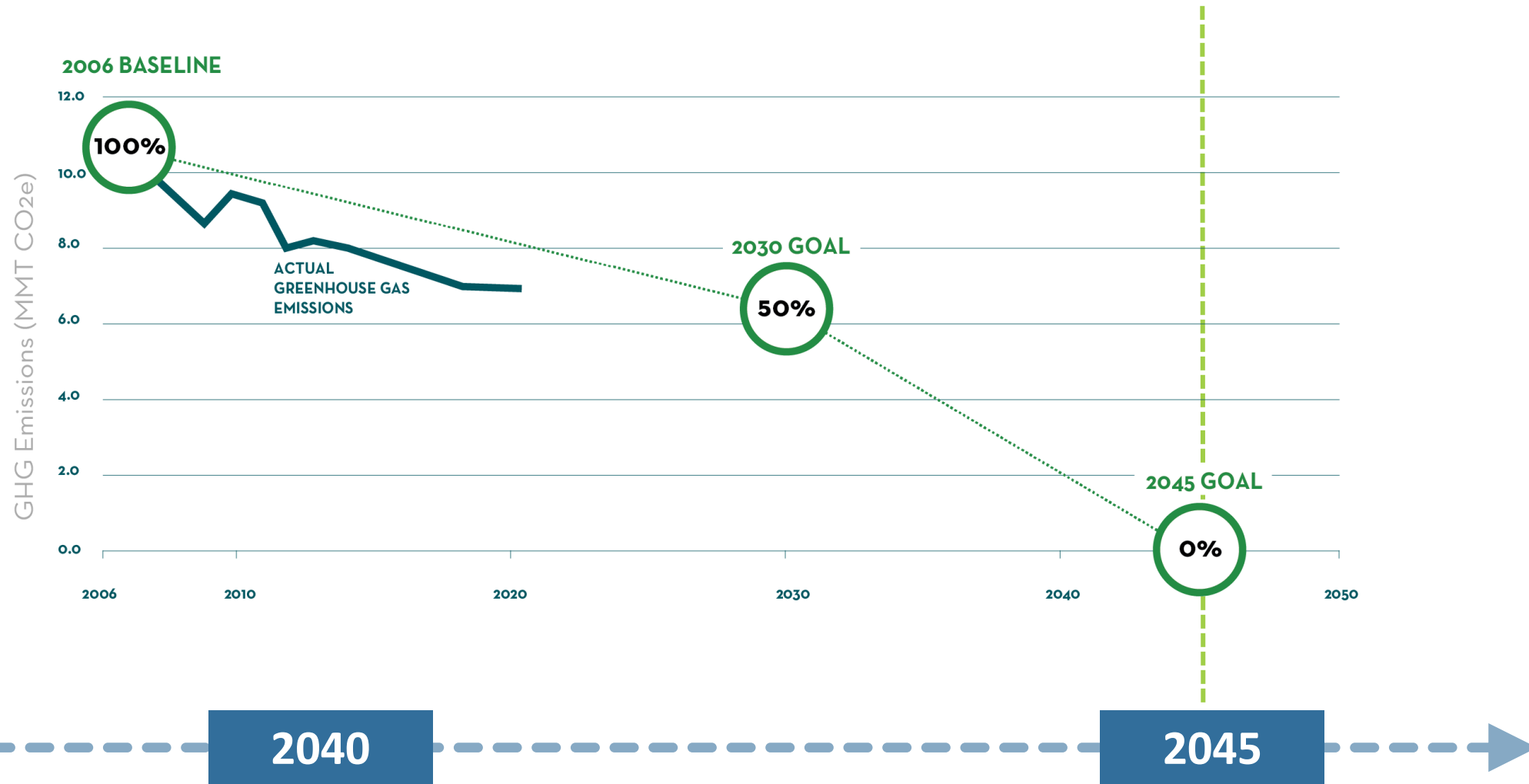
but we have expanded **tree canopy**, **green space** and **splash pads** in areas of most need, based on

Keep Cool DC's Heat Sensitivity-Exposure Index

2020 Heat Sensitivity-Exposure Index



By **2045** the District will achieve carbon neutrality



AT HOME:

Affordable Comfort, Healthy Heating & Cooling

Efficient electric heat pumps can provide heating and cooling with zero on-site pollution, keeping indoor air healthier to breathe.

High-performance construction, more insulation, and better windows can lower utility bills and make homes quieter and more comfortable.

IN YOUR NEIGHBORHOOD:

Safe and Accessible Streets, Cleaner Air

Community resilience hubs in each neighborhood will provide information, resources, and electricity even during a power outage.

Electric buses and cars, and fewer idling vehicles will reduce noise and improve air quality, making it easier to breathe when walking or exercising outside.

Better pedestrian signals, sidewalks, and protected bike lanes, and slowing down traffic will make it safer for more people to walk, bike, and roll.

IN OUR REGION:

Green Jobs, Clean and Faster Commutes

Green jobs will be necessary in every sector of the economy, from businesses that create and sell green products, to construction workers and architects who build energy efficient housing, to operators and technicians to keep an all-electric fleet running.

Bringing housing and jobs closer together, and workplace flexibilities, like telework or commuting at off-peak hours may save time and money, cutting traffic congestion and saving valuable space and time for those who need to travel.



Thank you!

Maribeth DeLorenzo

Deputy Director
Urban Sustainability Administration
Department of Energy and Environment
maribeth.delorenzo@dc.gov

