



Decarbonization in Greater DC

May 21, 2020



★ ★ ★ WE ARE WASHINGTON GOVERNMENT OF THE DISTRICT OF COLUMBIA
DC MURIEL BOWSER, MAYOR

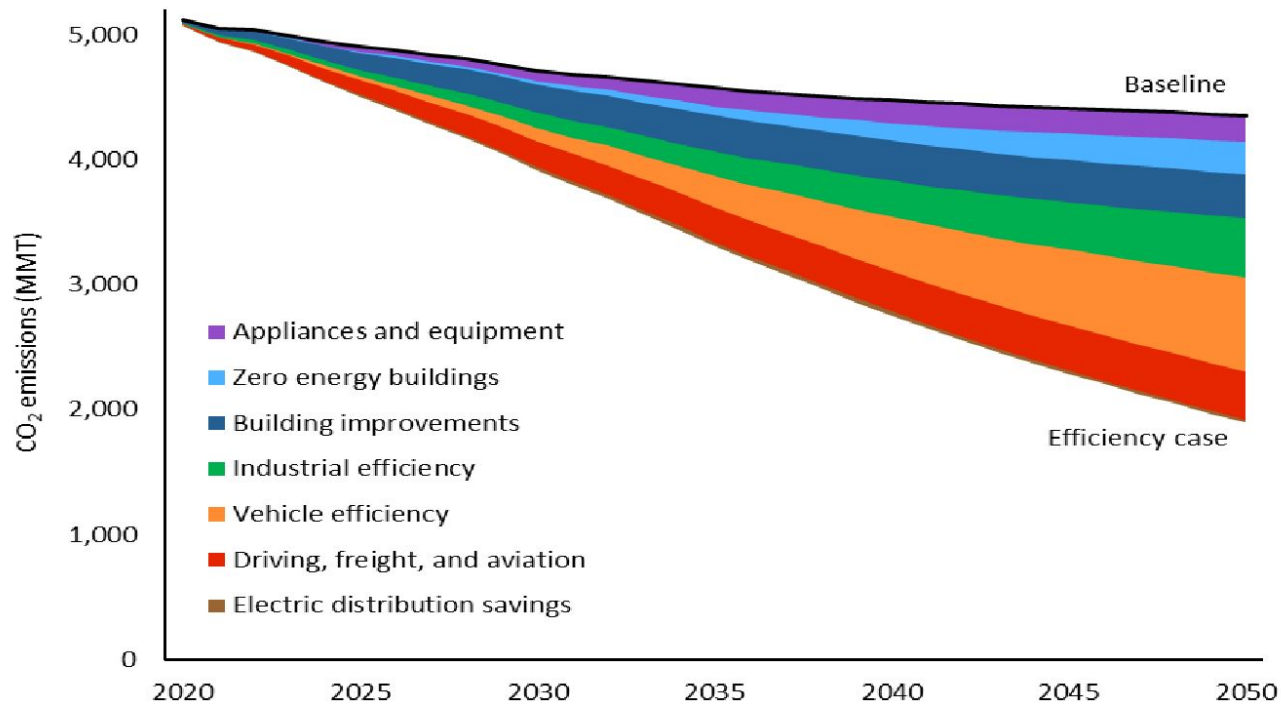
Buildings are a major factor in climate change

- Nationally, buildings account for 40 percent of GHG emissions; in DC, it's 75 percent.
- A substantial portion of the homes and commercial buildings that will be standing in 2050 have already been built.
- **“If you’re interested in tackling climate change, buildings are the single most cost-effective place to start.”** (*Emma Stewart, Director of Urban Efficiency and Climate at WRI Ross Center for Sustainable Cities.*)



Building improvements significantly reduce emissions

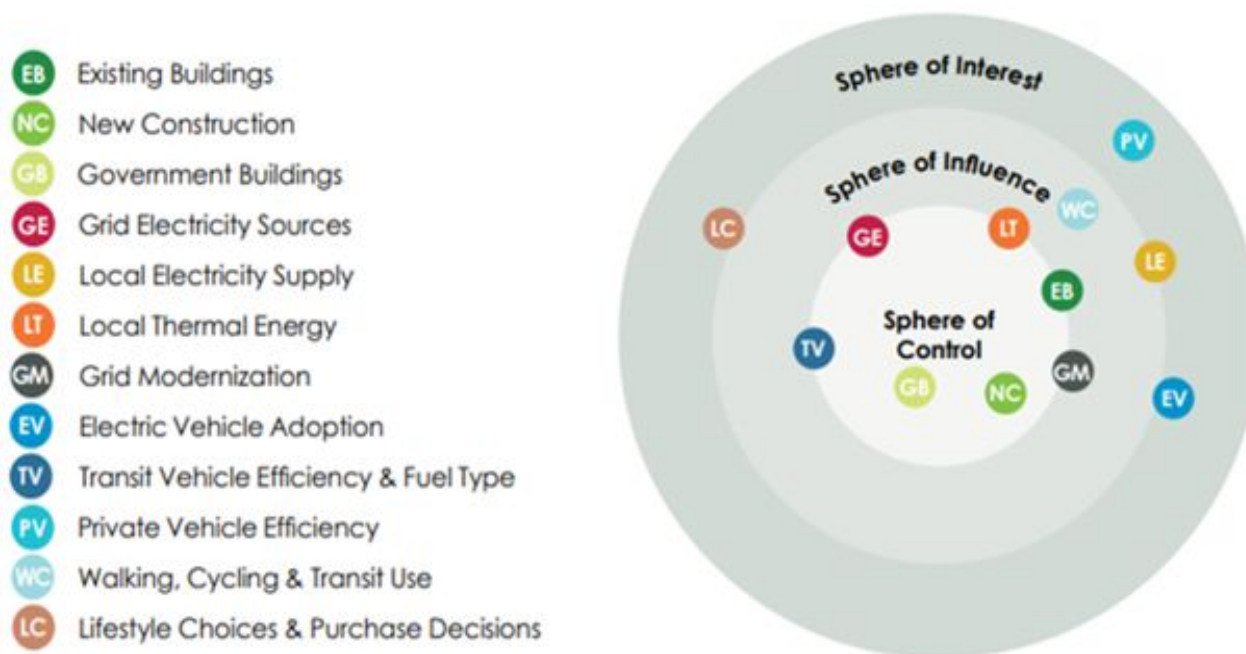
Carbon dioxide emissions reductions relative to baseline energy-related emissions.



Source: American Council for an Energy-Efficient Economy. September 2019



Local government can make a difference



Source: Clean Energy DC Plan

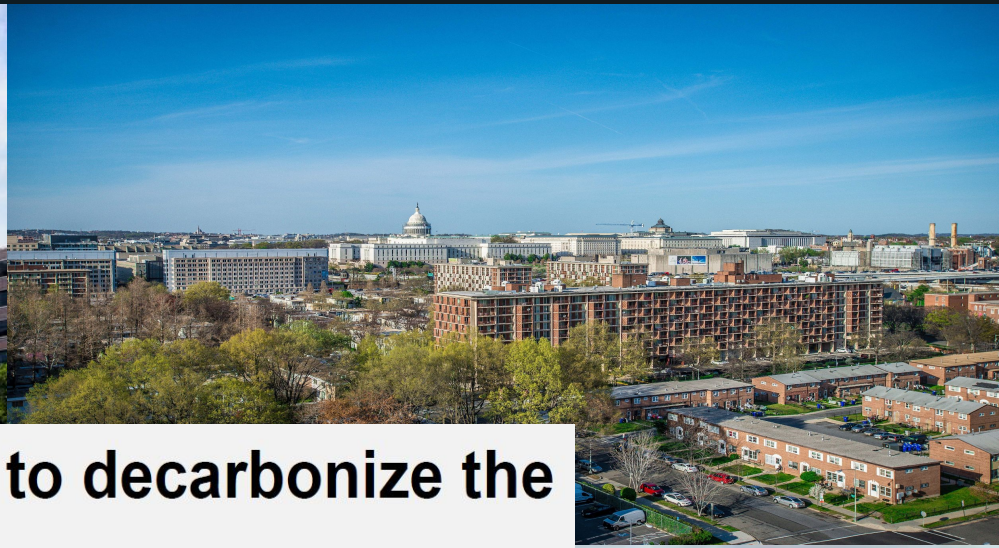


This is low-hanging fruit for the District

- The District has over 800 properties in its portfolio
- DC has one of the most advanced energy/green code enforcement and policy programs in the country.
 - Clean Energy DC Plan
 - Clean Energy DC Omnibus Act
 - Building Energy Performance Standards
 - Mandatory Energy Reporting Program
- In 2020 FEMA is increasing pre-disaster mitigation funding to emphasize building code improvements.



Regarding resilience and the decarbonization of Greater DC by 2050, we must first address:



Accelerate efforts to decarbonize the District government building stock

