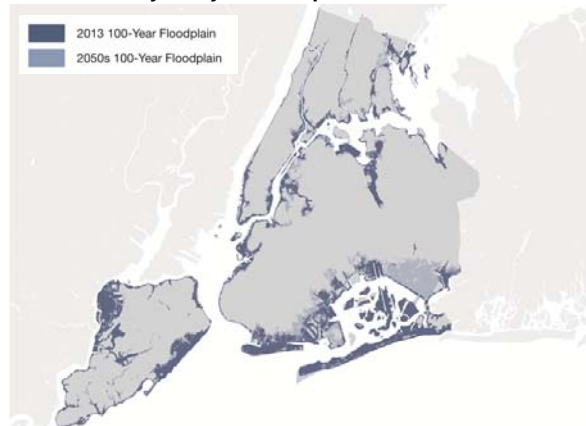




Urban Environmental Conditions & Climate Change

- The City has reduced greenhouse gas emissions by 19% since 2005
- Environmental conditions still have chronic impacts: 4 out of 1,000 children aged 5-17 were hospitalized for asthma in 2012
- Sea levels and coastal flood events will increase by 2050 due to climate change

New York City 100-year floodplains



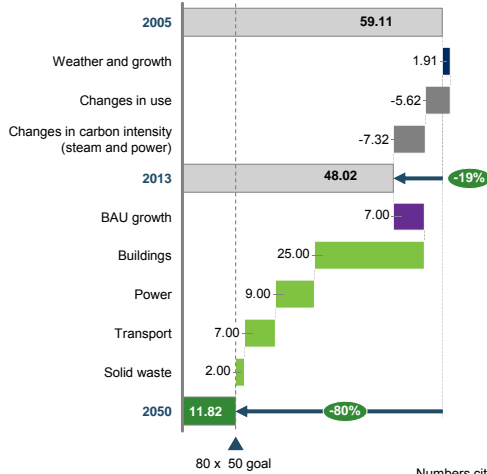
SOURCE: FEMA, New York City Panel on Climate Change 2015



80 x 50: New York City's greenhouse gas emissions will be 80 percent lower by 2050 than in 2005

Drivers of GHG emissions reductions to 80 x 50

Million Metric Tons CO₂e



INDICATOR TARGETS

- Reduce the city's **greenhouse gas emissions** by 80% by 2050 relative to 2005 levels

INITIATIVES

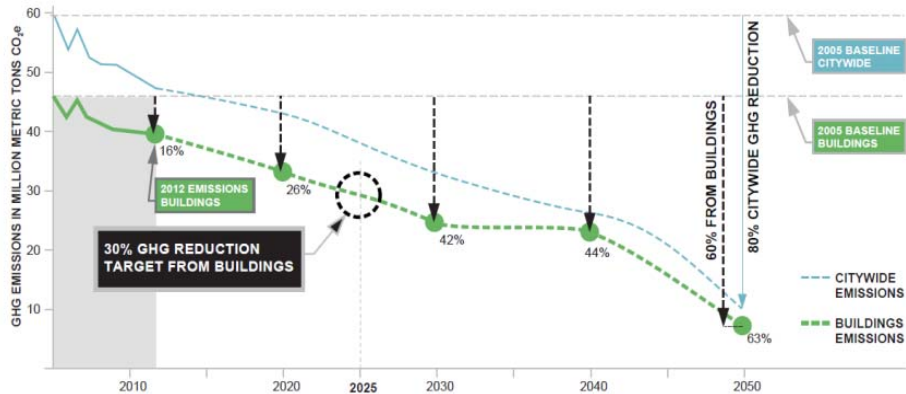
- Develop local and regional strategies to reduce greenhouse gas emissions from the **power sector**
- Develop mode shift action plan to reduce emissions from the **transportation sector**
- Build upon Zero Waste to reduce greenhouse gas emissions from **waste management**

Numbers cited from *New York City's Pathways to Deep Carbon Reductions* 2



Interim GHG reduction goals for our buildings:

- All buildings: 30% reduction in GHG emissions from 2005 levels by 2025**
- City government will lead by example: 35% reduction in GHG emissions by 2025**



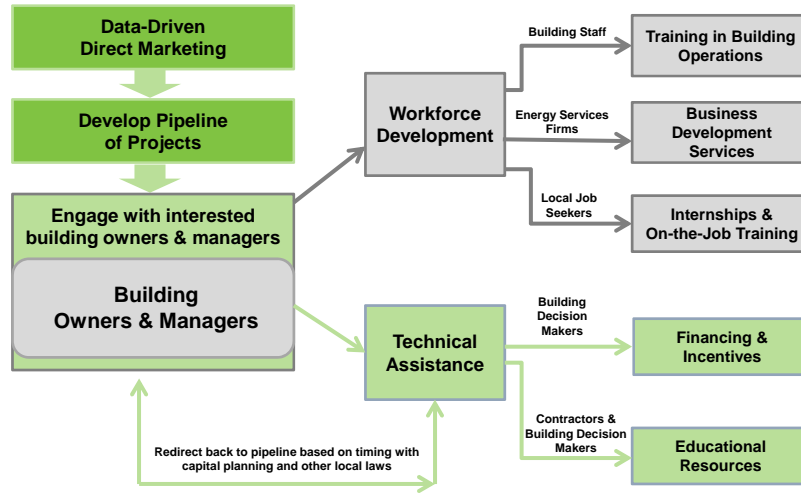
Pathways for Reductions in Greenhouse Gas Emissions from Buildings

3



The NYC Retrofit Accelerator

A **one-stop resource** provided by the City to help building owners increase the sustainability of their properties and reduce utility costs through energy and water upgrades.



For more information visit
nyc.gov/OneNYC