

# Climate Commitment Taskforce



May 1, 2024

# Agenda

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- MOTA Swearing In
  - Welcome and Introductions
- Overview of Carbon Neutrality Planning
- Questions and Discussion
- Next Steps – Meeting **Tuesday, July 16th 3PM**
- Office of Open Government Training- Closed Session

# Welcome and Introductions

Name, agency, and role

# Welcome + Context

- The District is committed to becoming **carbon neutral and climate resilient by 2045**, with an accelerated mandate to achieve **carbon neutrality in District Government operations by 2040**.
- Meeting the 2040 goal will require additional modeling, analysis, and planning. Current city-wide work on the inventory & Carbon Free DC can serve as a guide for government operations neutrality planning.
- The task force includes representatives from:
  - The Department of General Services;
  - The Department of Public Works;
  - The District Department of Transportation;
  - The District of Columbia Housing Authority;
  - The District of Columbia Water and Sewer Authority;
  - The Office of the Deputy Mayor for Planning and Economic Development;
  - The Department of Energy and Environment;
  - The Office of Resilience and Recovery (Homeland Security and Emergency Management Agency)

# Report + Future Reporting

- Action plan to achieve carbon neutrality by 2040 including timeline and estimated funding needed
- Annual report on progress including:
  - Updated GHG inventory
  - Description of actions taken
  - Analysis of impact on advancing racial equity and on local ecosystems
  - Barriers to implementation and recommendations to overcome
- Revisit and revise roadmap every 5 years

☐ Code of the District of Columbia

§ 8–151.09d. Commitment to greenhouse gas emission reductions.

(a) The Mayor shall adopt policies to reduce emissions of greenhouse gases from both public and private sources to:

(1) Not less than 45% below 2006 greenhouse gas emission levels by 2025;

(2) Not less than 60% below 2006 greenhouse gas emission levels by 2030;

(3) Not less than 70% below 2006 greenhouse gas emission levels by 2035;

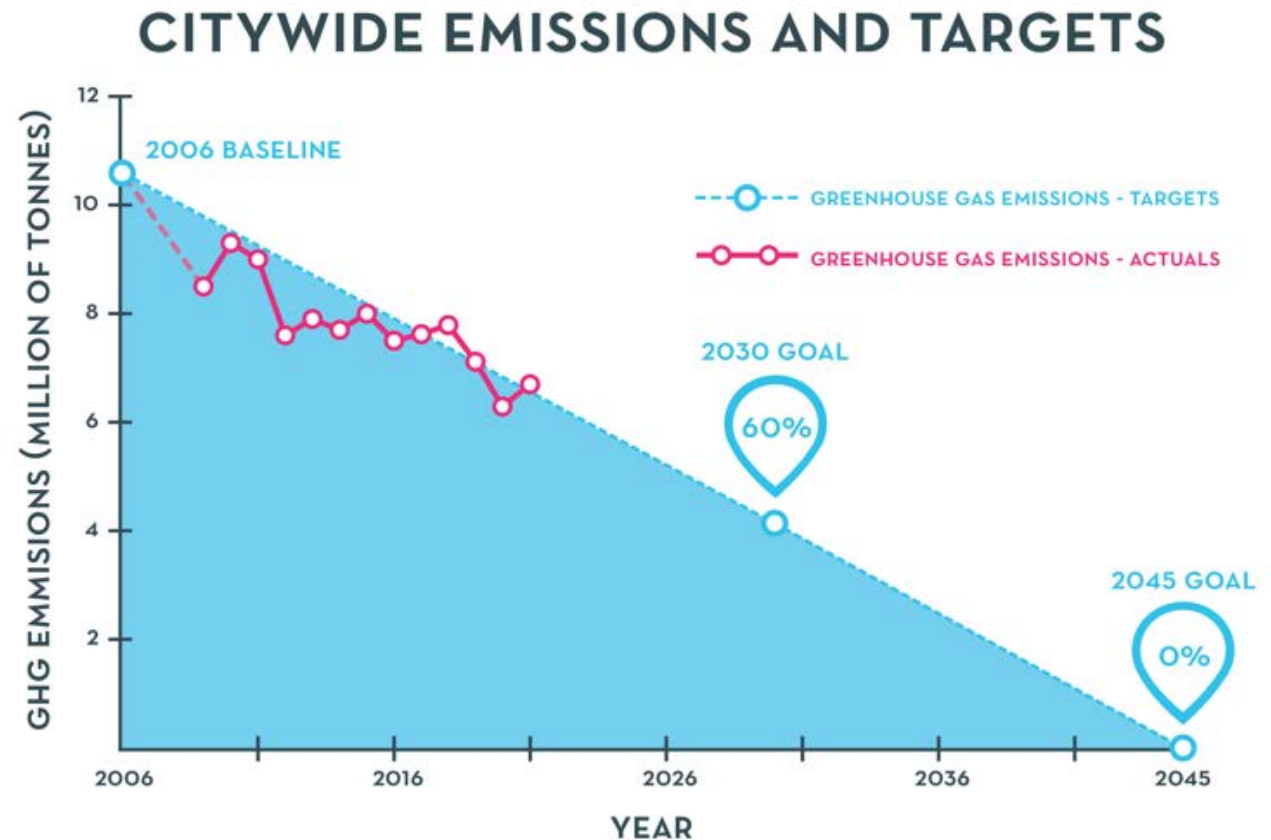
(4) Not less than 85% below 2006 greenhouse gas emission levels by 2040; and

(5) A level consistent with carbon neutrality by 2045, and in each year thereafter.

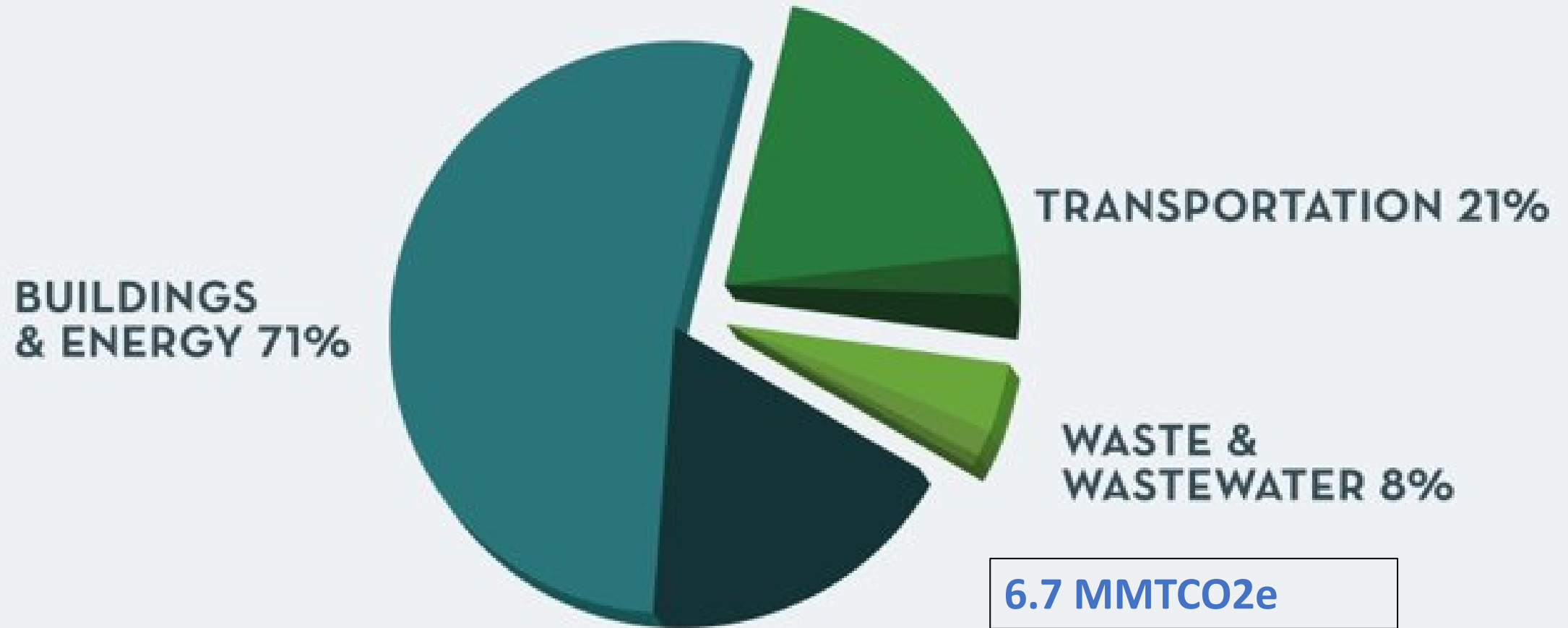
(b)(1) The District shall reduce emissions attributable to District government operations to a level consistent with carbon neutrality by 2040. In working to achieve these reductions, the District shall prioritize actions that result in additional renewable energy generation.

# Current Emission Inventories

- The District completes a citywide GHG inventory each year
  - Global Protocol for Community-Scale Greenhouse Gas Emission Inventories (GPC)
- We also calculate an inventory specific to government operations
  - Local Government Operations Protocol (LGO Protocol)



# 2021 EMISSIONS BY SECTOR



## BUILDINGS & ENERGY

- COMMERCIAL 68%
- RESIDENTIAL 32%

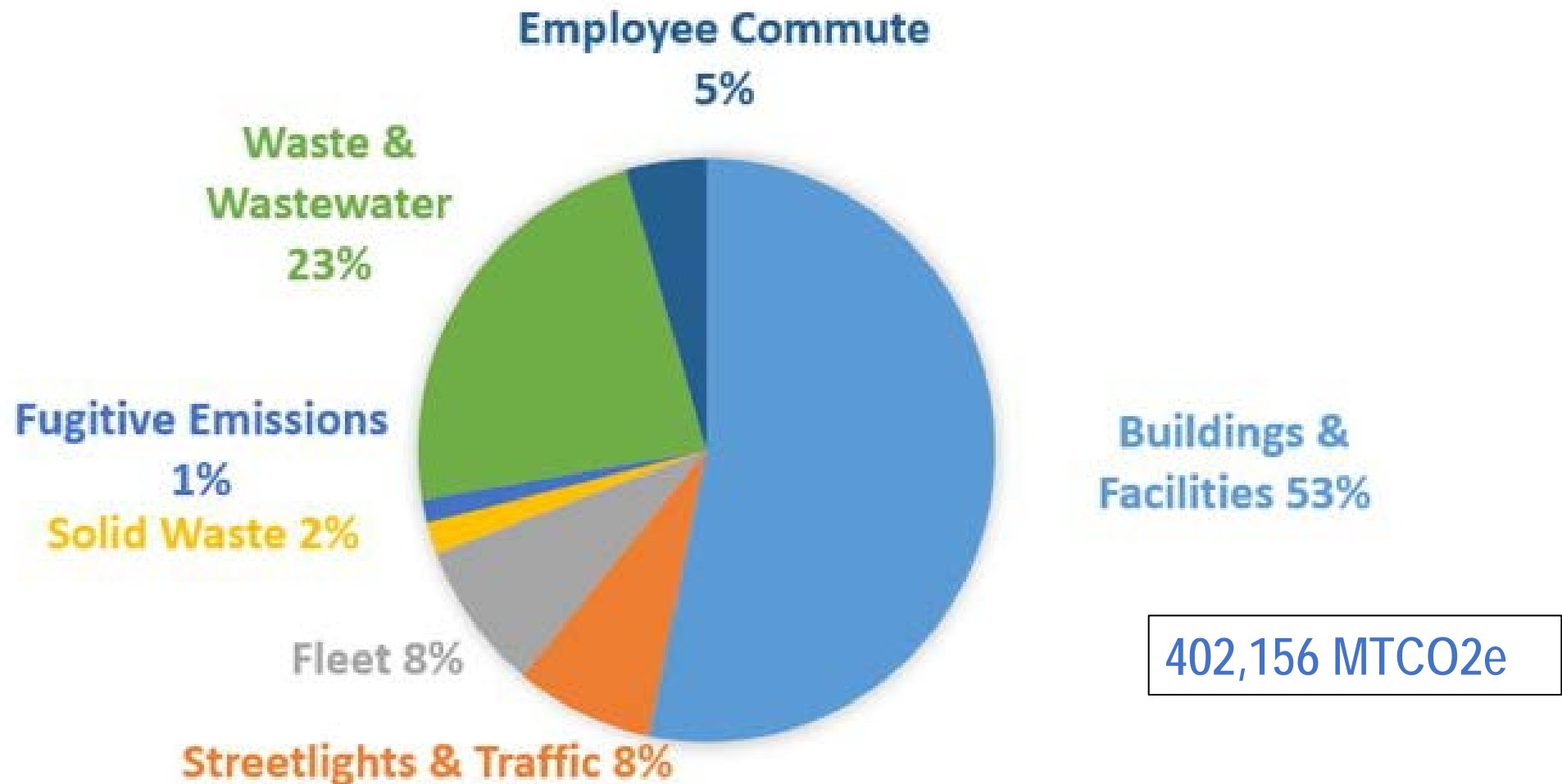
## TRANSPORTATION

- PASSENGER VEHICLES 82%
- TRUCKS & BUSES 11%
- TRANSIT 7%

## WASTE

- LANDFILL 70%
- INCINERATION 25%
- WASTEWATER 5%

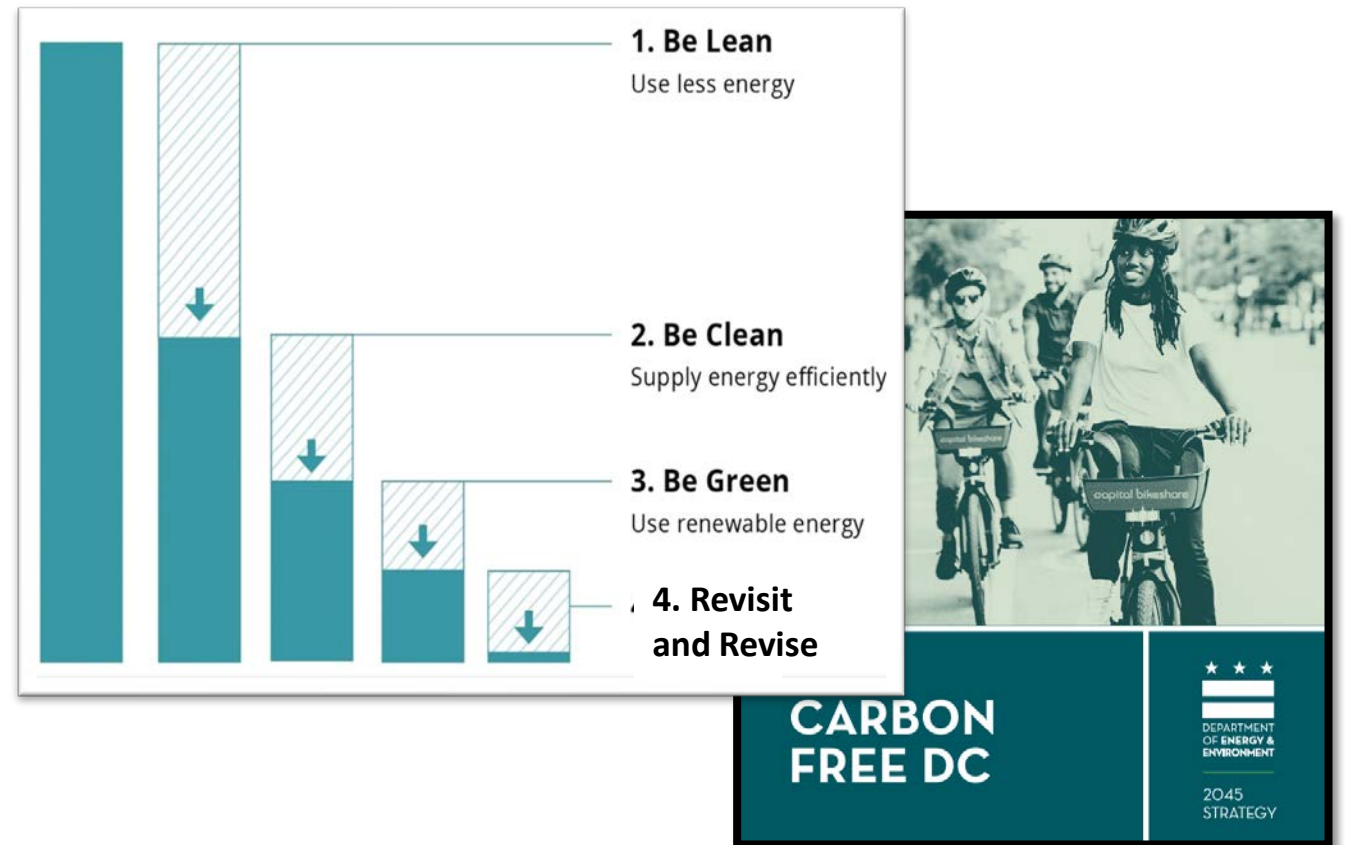
# Current District Government Operations Emissions (2020)





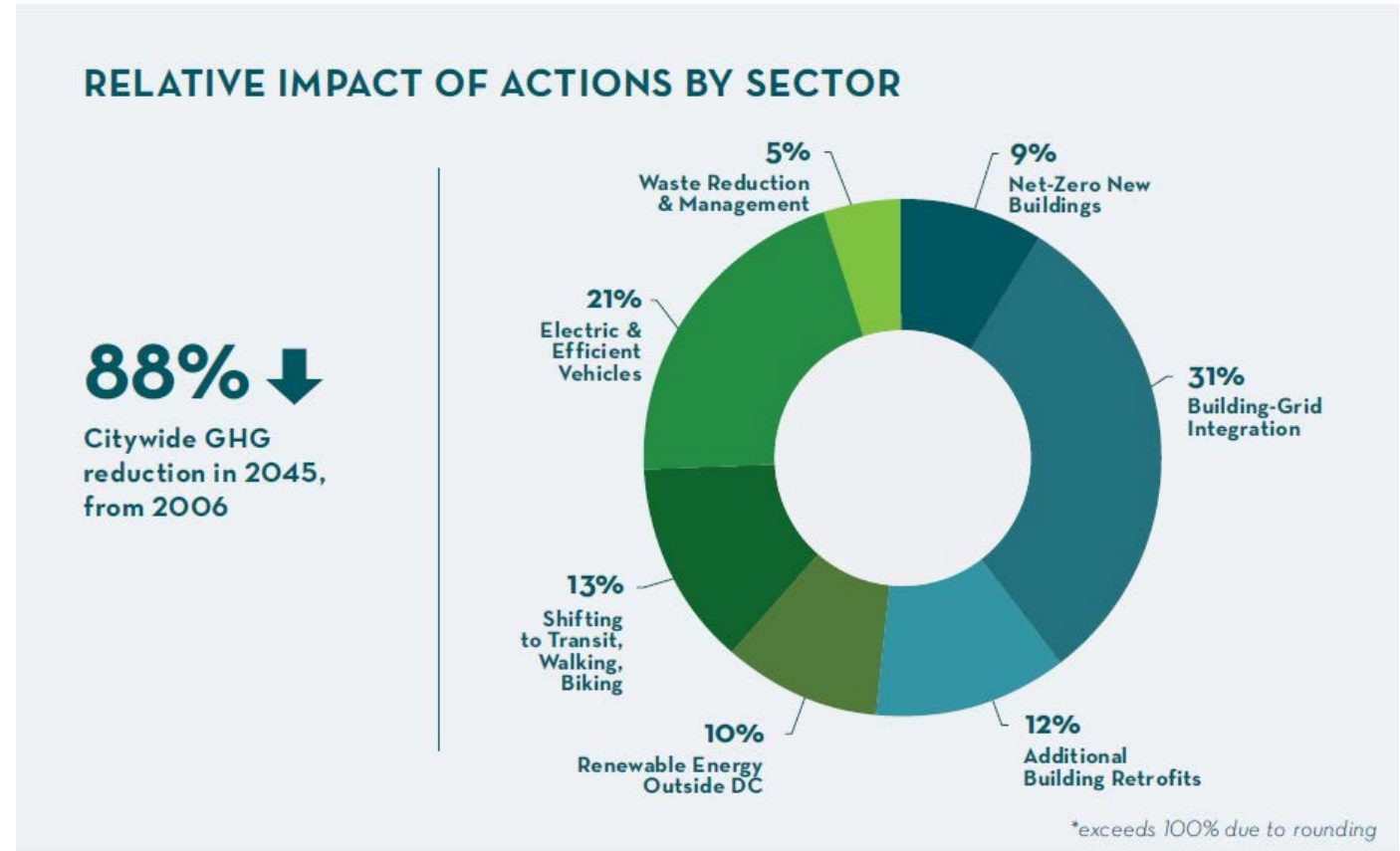
# Carbon Free DC as a Guide for DC Gov Ops

- CFDC is the District's Carbon Neutrality Strategy. It offers us a roadmap to achieve neutrality by 2045 for the District.
- **Reduce** annual greenhouse gas emissions as much as possible from each sector (buildings, energy supply, transportation, and waste).
- Strategy leads with **efficiency first** -- to use less and waste less.
- Continue to **electrify** and use **renewable energy**
- Continue to revisit and evaluate strategies to reduce remaining, or residual emissions.



# Carbon Free DC as a Guide for DC Gov Ops

- Used outside technical assistance to model the impact of carbon-reduction policies and the rate at which progress could be realized.
- Using transportation as an example – of all the strategies needed to reach neutrality, 13% of emissions reductions will come from shifting to transit, walking, and biking. And 21% will come from electric & efficient vehicles.
- Identified key milestones and indicators for assessing progress
  - Ex. By MY2035, no longer will register gas vehicles in the District.



# Questions & Discussion

- Where are we now?
  - Do agencies have any ongoing or upcoming planning efforts that could inform our inventory, roadmaps for carbon reduction, other inputs for planning/analysis of a carbon neutrality strategy?
- What do we need?
  - What else do agencies need to understand what the transition to carbon neutrality necessitates for DC Gov, and/or specifically in your agency?

# Next Steps

- Next meeting: Tuesday, July 16th 3-4:30PM
- Outside support for granular modeling -- Scope of Work for solicitation. DOEE & DGS to provide draft for review- by June 30

# Office of Open Gov Training

Closed Session