



DC BEPS: Short-term challenges

★ ★ ★ DEPARTMENT
OF ENERGY &
ENVIRONMENT

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

GOALS: 2032



ADAPT TO CLIMATE CHANGE

CLIMATE READY BUILDINGS

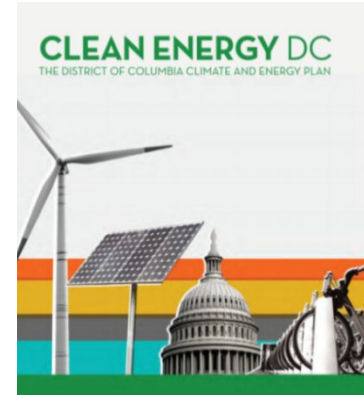
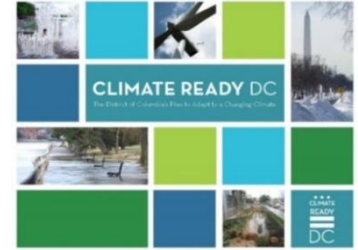
CUT ENERGY USE 50%

50% RENEWABLE ENERGY

NET ZERO NEW BUILDINGS

NET ZERO RETROFITS

CUT GHG EMISSIONS 50%



MAYOR BOWSER: COMMITTED TO ZERO CARBON BY 2050



CLEAN ENERGY DC MEANS....



New Buildings

Adopt a Net Zero Energy building code by 2026

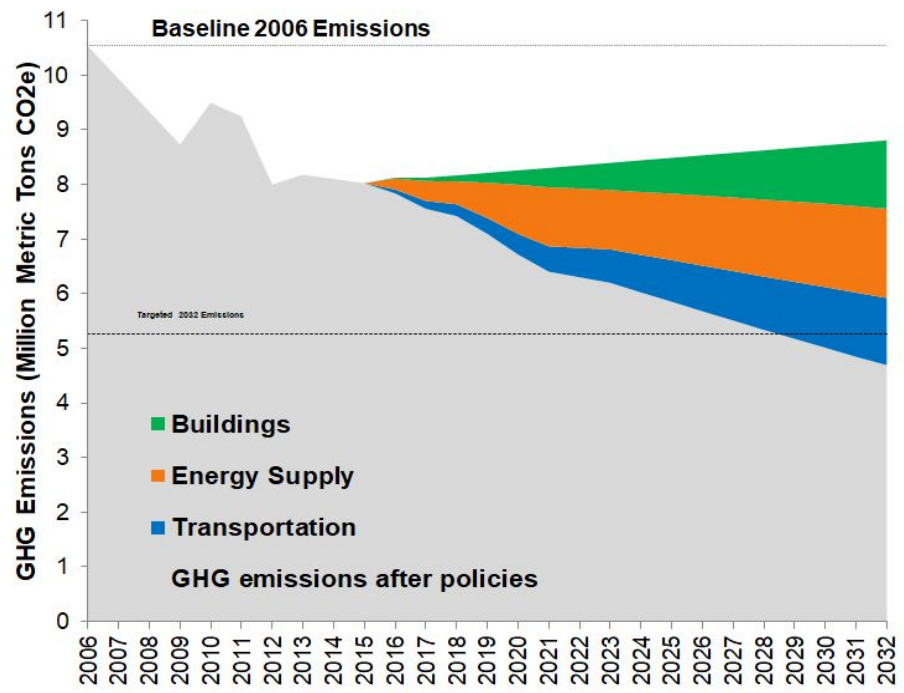
100% Renewable Electricity

Require **100% renewable electricity** by 2032, and **10% from local solar** by 2041

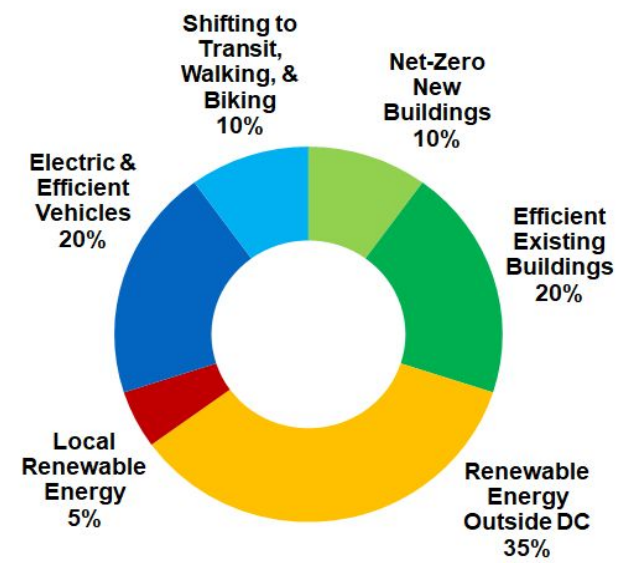
Existing Buildings

Improve the performance of existing buildings by implementing a **Building Energy Performance Standard**

ESTIMATED GHG SAVINGS: 56%



RELATIVE IMPACT OF ACTION AREAS



Buildings are the source of nearly 75% of DC GHG emissions

BEPS Milestones



- ~900 buildings will be required to improve efficiency/make upgrades over the next 5 years
- Every building will need to select a compliance pathway by **April 1, 2023**
- **Key Questions:**
 - Are building owners, managers, operators, service providers/consultants aware of the requirements?
 - Do we have the workforce to support the pre-development work (e.g. energy audits, design, engineering, bidding)?

Obstacles/Challenges



- How to engage with stakeholders that are not typically “at the table”?
- How do we create an inclusive workforce training program that ensures equitable access to the market?

QUESTIONS?



DEPARTMENT
OF **ENERGY &**
ENVIRONMENT

Katie Bergfeld

Branch Chief

Building Performance and Enforcement
Branch

Energy Administration

building.performance@dc.gov