



SUSTAIN
ABILITY



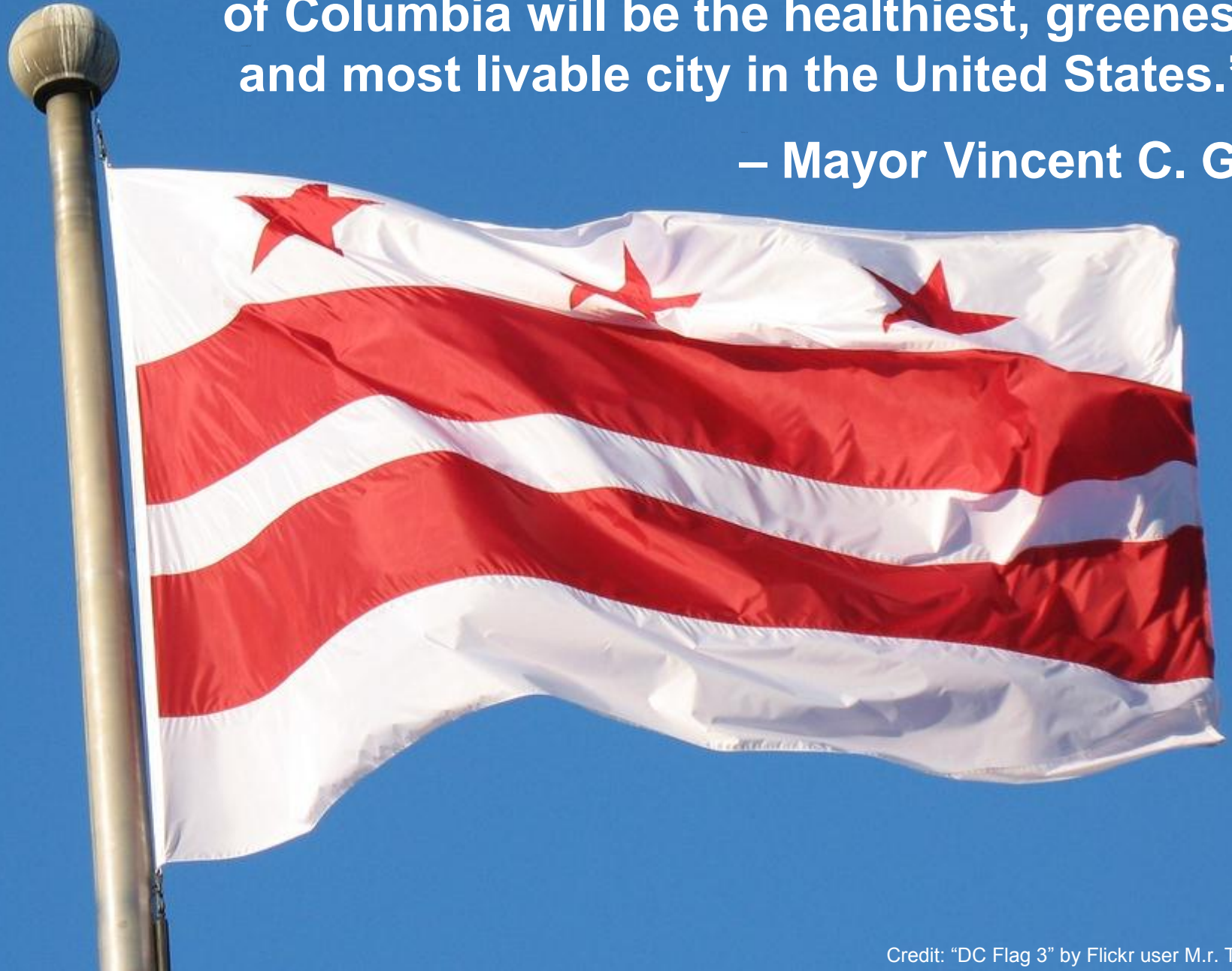
DC

TAKING ACTION FOR A SUSTAINABLE DC

April 26, 2013

“In just one generation—20 years—the District of Columbia will be the healthiest, greenest, and most livable city in the United States.”

– Mayor Vincent C. Gray



DC Region is Sustainable Leader

230+ LEED certified buildings; 300+ ENERGY STAR®

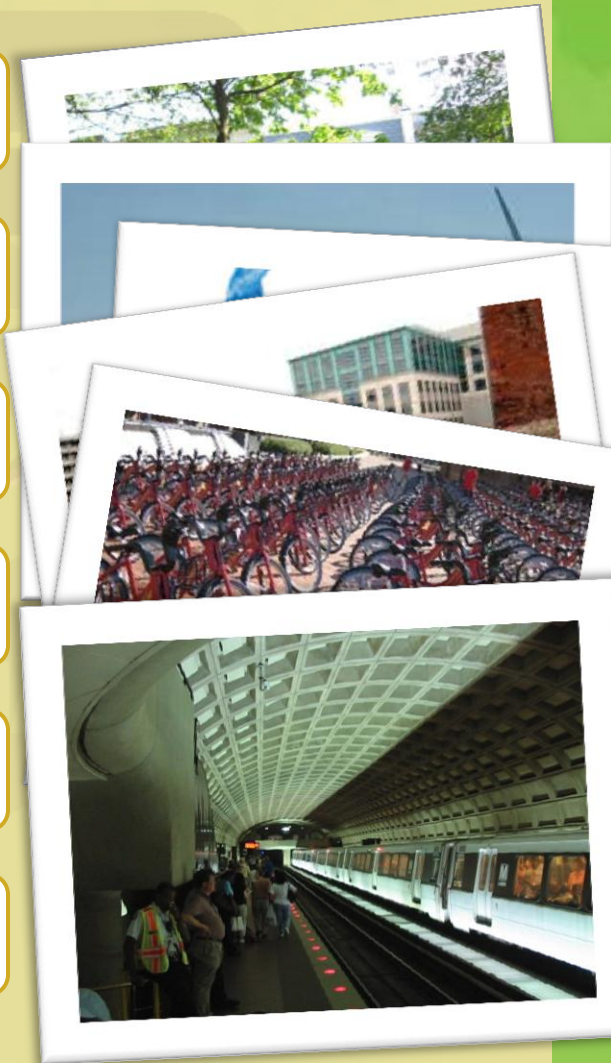
District Government buying 100% green power

Bag tax reduced disposable bag use by 60%

Almost 1,500,000 square feet of green roofs

Largest bikeshare in U.S. (22,000+ members)

50% of District trips by transit, walking, or bike



From Vision to Reality



**OUTREACH &
ENGAGEMENT**

FALL 2011

**RELEASE OF
*A Vision for a
Sustainable DC***

APRIL 2012

**PLAN
DEVELOPMENT &
INNOVATION
FUND**

FALL 2012

**ENGAGEMENT &
IMPLEMENTATION**

BEYOND

**SUMMER 2011
KICK OFF**

**WINTER 2011/12
WORKING
GROUPS**

**SUMMER 2012
INTERNAL DC
GOVERNMENT
COORDINATION**

**FEBRUARY 2013
RELEASE OF
*Sustainable DC
Plan***



Cutting Edge Framework



- ▶ 32 Ambitious Goals
- ▶ 31 Measurable Targets
- ▶ 143 Specific Actions – short, medium and long term

4 CHALLENGES	7 SOLUTIONS
<ul style="list-style-type: none">• Jobs and the Economy• Health and Wellness• Equity and Diversity• Climate and Environment	<ul style="list-style-type: none">• Built Environment• Energy• Food• Nature• Transportation• Waste• Water



ENERGY 2032:

Reduce energy consumption

by **50%**

Increase the use of
renewable energy

to **50%**

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Example: Energy



Goal : Increase the proportion of energy sourced from clean and renewable supplies

Target: By 2032, increase the use of renewable energy to make up 50% of the District's energy supply

Actions:

- ▶ ID opportunities for neighborhood scale renewable energy systems (Short term)
- ▶ Build 1,000 new renewable energy projects (Medium term)
- ▶ Introduce legislation to reduce fuel-based power use (Long term)



CLIMATE 2032:
Reduce citywide
greenhouse gas emissions
by **50%**

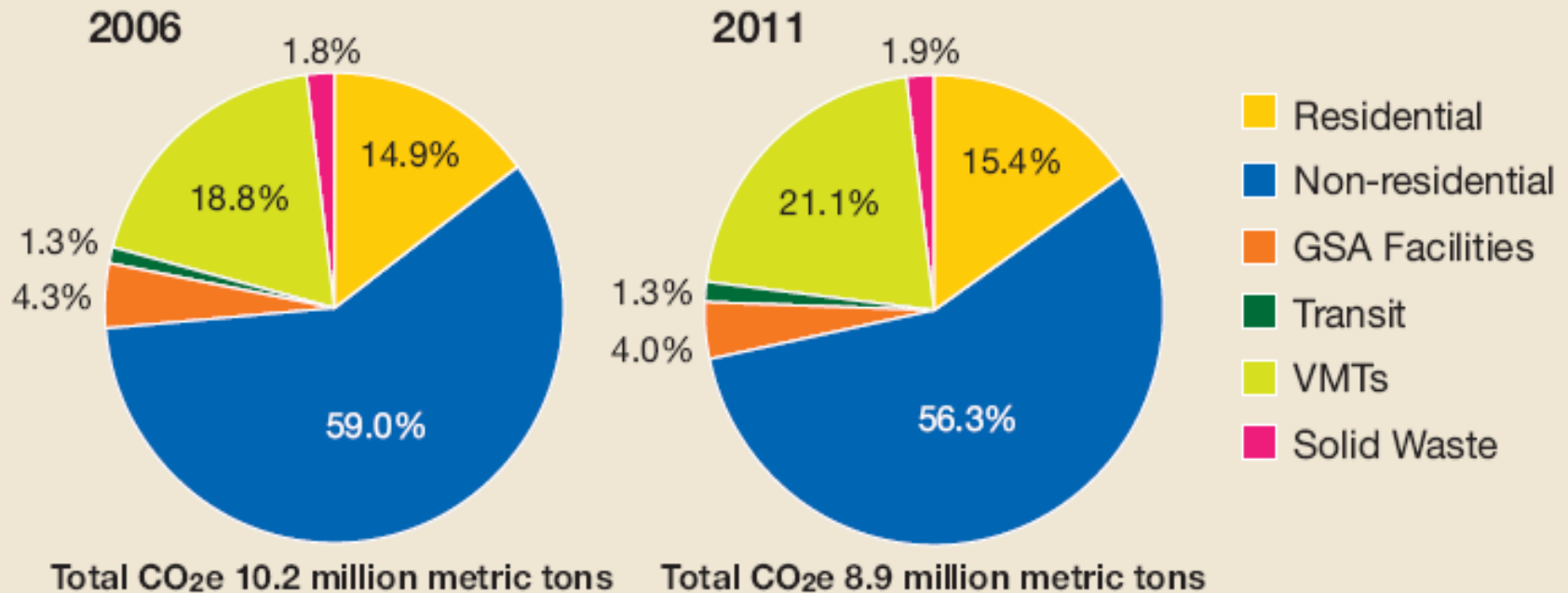


Greenhouse Gas Inventory

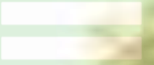
Dropping despite growth in population and jobs



Community Wide Emissions per Sector in 2006 and 2011



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TRANSPORTATION 2032:

Make **75%** of all trips
by walking, biking, or transit

Transportation Example Actions

- ▶ 1.1 Complete 37 miles of streetcar networks. (Long term)
- ▶ 1.4 Design transit systems for resilience to extreme weather events. (Long term)
- ▶ 2.2 Expand the Capital Bikeshare program by 200 stations. (Medium term)
- ▶ 3.2 Expand car-sharing programs to low-income residents using financial tools. (Short term)
- ▶ 4.3 Expand electric vehicle charging infrastructure throughout the city. (Medium term)



Public Outreach

- ▶ 200+ public events; 7,500 people reached; 2,700 stakeholders on email list
- ▶ 700 participants in working groups; 1,400 ideas from the public led to 143 specific actions in the Plan
- ▶ **Targeted Outreach**
 - ▶ Targeted communities less familiar with sustainability
 - ▶ Focus Groups in Wards 4, 5, 7, & 8 with people of color, seniors, youth, and Spanish speakers
 - ▶ Trained community spokespeople in each ward
 - ▶

Funding Innovation

In FY13, \$4.5 million across 12 projects



Building temporary and movable parks across the city

Prioritizing environmental products and services

Buildings with Zero waste, using Zero energy and Zero water

Planting more than a 1,000 trees at schools and parks

Understanding the waste stream and new ways to manage waste

New community gardens in all 8 Wards

Renewable energy for public housing

Anti-idling in police cruisers to save gas and reduce emissions

Realizing roof potential through solar, green space, or rainwater collection

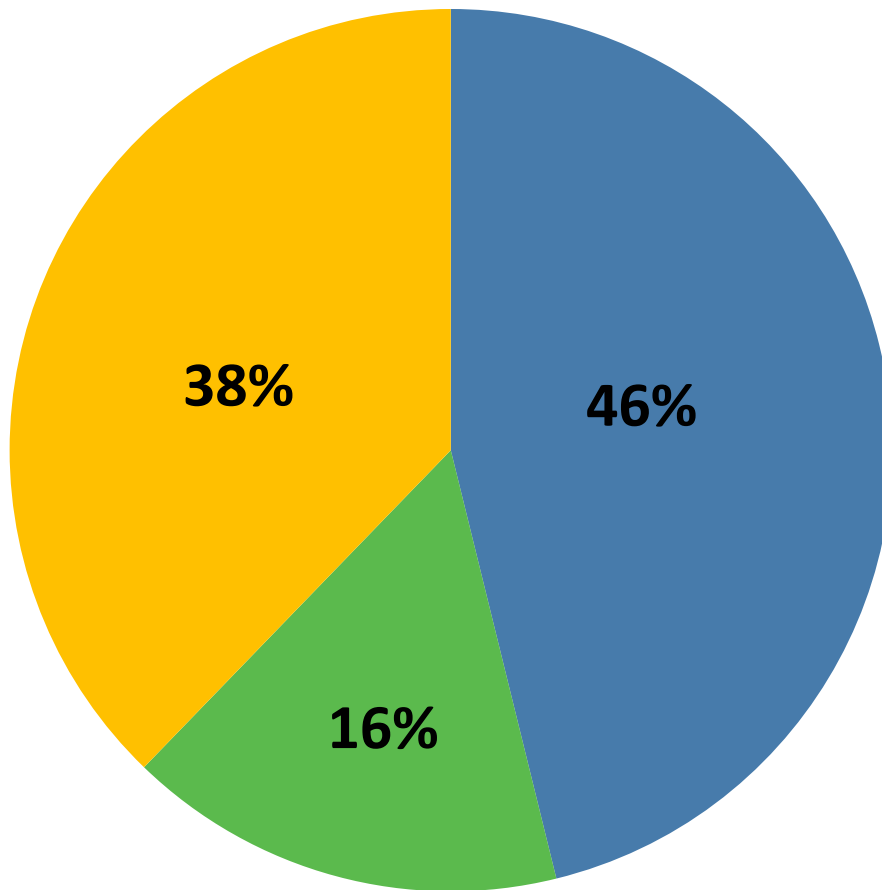
Piloting models to manage organic waste and compost

Preparing the District for climate change impacts

Bringing environmental education to kids in public schools

Already Taking Action

- ▶ Substantial progress in over half of the actions in the first year alone!



143 ACTIONS TOTAL

- ▶ 46% already underway
- ▶ 16% moving by Earth Day 2014
- ▶ 38% in the early planning stage



Organic Transfer Station



Anti-Idling Police Cruisers



Reducing Energy Use



Community Gardens Citywide



Thank You!

Questions?

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www.sustainable-dc.org