



*Help make the District a greener,  
healthier, and more livable city for us all.*

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*Welcome*

Dr. Allen Sessoms

President of the University of the District of Columbia



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## *Sustainable DC Recap*

Director Harriet Tregoning, OP

Director Christophe A.G. Tulou, DDOE



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## Agenda

**6:30 – 6:45** Welcome and Sustainable DC project update

**6:45 – 7:35** Working group presentations

**7:35 – 7:45** Priority setting exercise explanation

**7:45 – 8:30** Priority setting exercise

# Sustainable DC Process



- ▶ On July 27, 2011, Mayor Gray announced development of a comprehensive strategy to make the District **“the most sustainable city in the U.S.”**
- ▶ Mayor Gray tasked the Office of Planning (OP) and Department of the Environment (DDOE) to lead this effort
- ▶ The plan will develop visions, goals, and actions in nine key areas:
  - The Built Environment
  - Nature
  - Climate
  - Transportation
  - Energy
  - Waste
  - Food
  - Water
  - The Green Economy

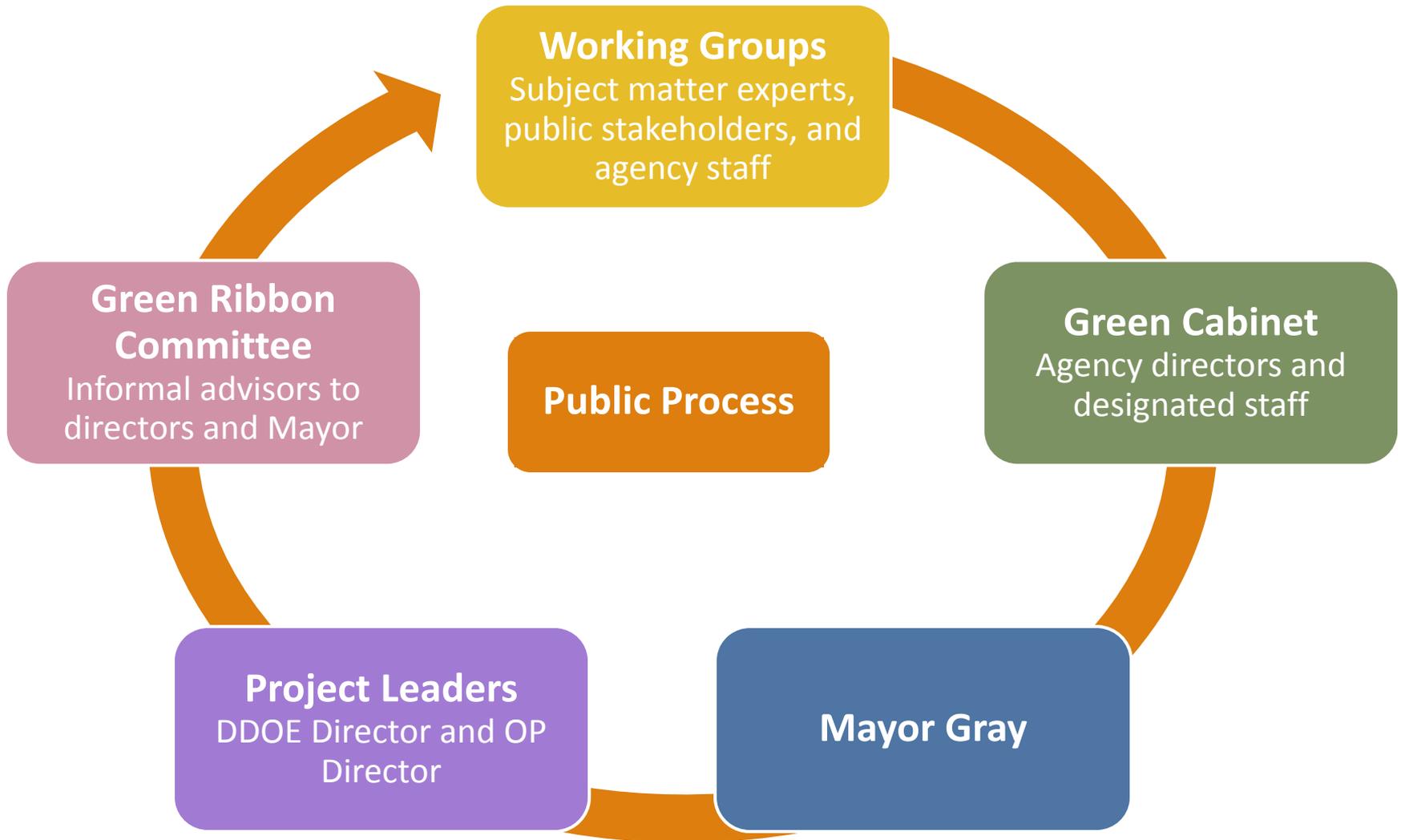
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# Timeline for the Plan



- 9/1: Project kickoff
- 52 community meetings held; web site launched
- Green Cabinet kickoff
- 9 Working Groups develop draft visions, goals, and actions
- Green Ribbon Committee kickoff
- Recommended goals and actions announced
- Initial FY13 agency budgets set
- Working Group recommendations report released
- Broad public outreach
- Draft plan expected late Summer 2012

# Planning Process



# Sustainable DC Process



- ▶ Working Groups Kickoff: 11/29 with 440 participants
- ▶ Process up to now
  - ▶ During the past four meetings, 9 working groups have drafted vision statements, and drafted and prioritized goals and actions
- ▶ Today
  - ▶ All groups will share draft visions and top 10 goals/actions
  - ▶ Participants from across all groups will offer input on each groups' goals/actions
- ▶ Next
  - ▶ Working groups will refine goals and priorities
  - ▶ Green Ribbon Committee and Green Cabinet weigh in
  - ▶ Consulting Team help analyze and draft plan

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## *Presentation of Working Groups' Draft Visions and Goals*



## Overarching Draft Vision Statement

In 2050, the District of Columbia will be the healthiest, greenest, and most livable city in the United States. An international model of innovative policies and practices, the District will demonstrate how environmental performance, investments in a diverse economy, and strategies to reduce disparities among citizens create a prosperous and equitable society. For every environmental achievement, the District will benefit from a growing local economy that leverages its human and natural resources to their full potential, uplifting people across all neighborhoods and communities—residents, workers, tourists, and investors alike.

## Built Environment: Vision Statement

The built environment of the District of Columbia will be diverse, vibrant and resilient, will respect and enhance the natural environment, and will reflect its values of social and economic equity, universal accessibility, innovation, and healthy and engaged citizens and communities.

## Built Environment: Top 10 Recommendations

1. Improve energy efficiency, especially in existing buildings.
2. Rehab low-income housing to be green and healthy.
3. Create financial products that align public and private sectors to incentivize private capital and developers to enter underserved markets.
4. Reevaluate zoning for higher density, including parking requirements and height restrictions.
5. Divert 35% of all construction and demolition waste; eventual targets of 50% and then 90%.
6. Make energy performance data transparent and accessible for all buildings.
7. Incentivize and eventually mandate retrofits of poorest performing buildings.
8. Create performance-based energy codes for new construction and major renovations.
9. Green or Cool roofs on all roofs in the District by 2035.
10. Achieve a 40%+ tree canopy.

# Climate: Vision Statement

The District of Columbia will be a sustainable, just, equitable, inclusive, entrepreneurial, and resilient community that leads the world in bold action to mitigate and adapt to climate change; is committed to reducing greenhouse gas emissions to levels consistent with global CO<sub>2</sub> levels of 350ppm; and that leverages regional knowledge sharing and international best practices in sustainability and climate change adaptation and mitigation; and that extends the benefits of sustainability to all its people.

# Climate: Top 10 Recommendations

1. Extend beyond climate neutrality to achieve “net negative” carbon greenhouse gas (GHG) emissions.
2. Become “Carbon Free by ’33.”
3. Incorporate climate change objectives for DC agencies and ensure that agency climate goals are funded, implemented and monitored.
4. Establish GHG reporting requirements for all sectors and make transparent climate-related data publicly available.
5. Make all school students in the District climate competent.
6. Establish GHG emissions reductions goals through a participatory process.
7. Expand the role of the DC Sustainable Energy Utility to reduce GHGs.
8. Adopt Climate Action Plan (CAP) goals as part of government policy.
9. Set targets for alternate transportation to reduce transportation-related GHGs.
10. Establish District Government as a clean energy generator.

## Energy: Vision Statement

During the course of the next two decades, the District of Columbia shall be the beacon for energy efficiency and independence in the United States. It is the city's right and duty to lead the nation in the transformational implementation of energy efficiency and generation strategies to sustain an affordable and socially responsible energy future. To secure this right, the District of Columbia shall exercise all of its environmental, economic, and social equity powers to ensure it is supporting aggressive, pervasive, and stable energy goals in reliable generation, efficient usage and citizen empowerment.

## Energy: Top 10 Recommendations

1. DC will have 65% renewable portfolio by 2050.
2. Decarbonize DC electricity supply by 2025.
3. Establish a Sustainable DC office in every Ward.
4. Become an incubator for Clean Tech.
5. Align regulations and tax policy to promote renewables.
6. Per capita energy consumption reduced 5% by 2015.
7. Dynamic pricing (TOU) should be available to all.
8. Create consistent funding mechanism for energy efficiency and renewable energy.
9. All campuses powered by microgrids.
10. In 3 years pass legislation that requires energy audits/disclosure at point of sale.

# Food: Vision Statement

In 2030, the District of Columbia will be a healthy city because we will have an educated and employed population with equal access to a self-sustaining food production and distribution system.

## Principles

- ▶ Education for all
- ▶ Equitable & affordable access
- ▶ Self-sustaining production & distribution food system

## Food: Top 10 Recommendations

1. Expand "Double Dollars" program citywide for farmer's markets citywide.
2. Streamline process to find and use land; such as a space finder.
3. Create a compost plan, create a site, and implement.
4. Provide incentives to get gardens & agriculture on roofs.
5. Target education programming to different audiences.
6. Create/support a small business/food processing incubator.
7. Build community through regular food culture events.
8. Streamline the land access permitting process for key agencies.
9. Change the policy to allow beekeeping, livestock and poultry.
10. Establish a plan to ensure longevity of urban agriculture.

## Nature: Vision Statement

The District of Columbia will increase the conservation, management, and health of the city's natural resources to enhance and improve the quality of life of its residents, and build a green city where our collective actions reflect an understanding and appreciation for nature.

## Nature: Top 10 Recommendations

1. DCPS will incorporate environmental education and service to the core curriculum of every student.
2. Increase permeable surfaces by 10% by 2020 and by 20% by 2030
3. Plant 250,000 native/fruit trees by 2030, focusing along parks, private and non-profit reforestation.
4. Invest in green infrastructure to reduce storm overflows.
5. Increase habitat restoration across DC by 8,000 acres by 2025.
6. Revitalize RFK Stadium parking lots into usable green space for use by all DC youth and adults.
7. Establish a DC “green belt” - bike path or scenic route to connect major parks.
8. Increase wetland area by 200% by 2020.
9. No net loss of wild species.
10. Require set asides in developments; wildlife corridors.

## Transportation: Vision Statement

The District of Columbia will create accessible, convenient and resilient modes of transportation to allow for a mobile population while reducing economic, social and environmental costs and improving overall quality of life.

# Transportation: Top 10 Recommendations

1. Decrease the use of fossil fuels by making DC's municipal fleet use alternative fuels.
2. Dedicate bus and streetcar lanes with strict enforcement.
3. Transform property taxes into a value capture user fee by reducing the tax rate on buildings and increasing the tax rate on land values.
4. Improve bike and pedestrian infrastructure through a citywide bike and trail network.
5. Increase efficiency by improved management of freight operations, including shifting delivery times, routing, loading zone design and enforcement of their use.
6. Include bike and pedestrian use in all transportation planning metrics through collecting more data on bike/pedestrian usage to improve bike and pedestrian facilities.
7. Internalize the cost of parking.
8. Decrease reliance on cars.
9. Eliminate free commuter parking (either as employee benefits or otherwise).
10. Create a single point method of payment for Metrorail, Metrobus, Circulator, Streetcar, CaBi and regional transit options for the consumer.

## Waste: Vision Statement

The District of Columbia will be a city where its people, businesses, and government work together to minimize waste and optimize resources.

### Overarching Goals:

1. By 2030, 75% of all waste generated in the city is recovered or recycled
2. By 2030, achieve a reduction in waste generation of 25% from 2012 levels
3. Eliminate litter by 2030
4. Create a system of teaching environmental literacy

## Waste: Top 10 Recommendations

1. Establish environmental curriculum in schools by 2015
2. Educate businesses at permitting stage about waste management, & require waste management plan prior to Certificate of Occupancy
3. Achieve 3 stream (landfill, recyclables, compostables) collection process
4. Increase accessibility and availability of public recycling receptacles and water fountains
5. Have an organics transfer station within DC in 18 months
6. Implement a beverage container deposit law (Bottle Bill)
7. Create a resource stewardship program that removes regulatory obstacles and provides incentives for resource recovery activities
8. Identify and ban materials identified as highly harmful and non-recoverable, re-usable or recyclable
9. Anti-littering enforcement, incl. bringing back the MPD Environmental Crime Unit
10. Pursue waste-to-energy and waste conversion technology

## Water: Vision Statement

All water falling in and flowing through the District of Columbia will be clean and fully accessible to support a livable, healthy, innovative, and economically viable community that sets a standard for the world to follow.

## Water: Top 10 Recommendations

1. Include LID in public roads projects
2. Adapt regulations that now discourage private stormwater capture and reuse
3. Retrofit DCPS sites with pervious surfaces and LID strategies to treat water onsite
4. Increase tree canopy cover by 25% to help restore water retention and natural hydrology
5. Develop signed hiking/biking trails along rivers and streams
6. Encourage pervious pavement and infiltration in new and existing parking lots
7. Expand RiverSmart Program for residents and businesses to install LID
8. Develop incentive programs for larger properties to install stormwater retrofits
9. Develop and get a Bottle Bill passed
10. Create tax incentives for actions that significantly increase water efficiency in buildings

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## Green Economy: Vision Statement

The District of Columbia shall lead America's cities in creating a sustainable urban economy that embraces people, planet and shared prosperity by creating jobs, businesses and institutions that protect and enhance the environment and meet the economic needs of today's generation and those of the future.

# Green Economy: Top 10 Recommendations

1. Gov't to become an enabler of the green economy and an engine of growth
2. Encourage local gov't to purchase environmentally preferable products and services with a preference for local businesses
3. Create a DC Public Bank
4. Promote establishment of B-Corporations with legislation
5. Create training pipelines geared to specific industries at different skill levels
6. Create training in response to policies that create demand for green jobs
7. Use the Cleveland cooperative model as a basis—creates a revolving loan fund that provides start-up, generates new capital, and invests in new business coops
8. 75% of food consumed by DC residents and tourists is eco-friendly
9. Create green business incubators in universities and public facilities
10. Identify and address externalities and market failures and send accurate price signals

## *Prioritization Exercise: Draft Visions & Goals*



# Goals and Actions Voting Exercise

## Setting Priorities

- ▶ You have 20 “votes” (1 sticker = 1 vote)
- ▶ Colors do NOT have special meaning
- ▶ Each group voted differently so don’t compare vote totals
- ▶ Review each group’s draft goals/actions and place a sticker (or more) on those you support the most
- ▶ Votes will be counted and shared with each group as input on their draft goals/actions

## Special instructions

- ▶ 9 stations spread through both floors of lobby
- ▶ Please save use of elevator for those w/ special needs

## Next Steps

- ▶ Feedback from today will be compiled for use at:
- ▶ **Individual Working Groups Meeting 6** (week of 2/20):
  - ▶ Review the feedback from this meeting
  - ▶ Refine proposed goals and actions
  - ▶ Updated evaluations as needed
  - ▶ Reprioritize as needed
- ▶ **Individual Working Groups Meeting 7** (week of 3/5):
  - ▶ Finalize top priority goals
  - ▶ Develop draft indicators for top goals
  - ▶ Identify potential partners
- ▶ **Joint Working Groups Meeting 8** (mid-late April)

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## *Prioritization Exercise: Draft Visions & Goals*

