Letter from Mayor Muriel Bowser

If there is one constant in the District of Columbia, it is change. This past year has certainly seen more change than most. In this uncertain political landscape, it has become remarkably clear that it will be cities that lead the way in creating a more sustainable and resilient world.

I am so proud of my role—and the role of our whole city—in leading the way on that front. In November, I joined Mayor Hidalgo of Paris and dozens of mayors in Mexico City for an international conversation on how cities can advance climate action. This fall, I also released Climate Ready DC, the District’s climate adaptation plan. In February, I launched the District’s work with the global 100 Resilient Cities program to build a stronger, more resilient DC.

I am committed to climate change, but I am also working hard to make the District a more equitable and livable place for all residents. That is why this past year I fought to include a walkability preference for District public charter schools, allowing more children to walk to school. I have called on the District Council to permanently expand the Mayor Marion S. Barry Summer Youth Employment Program, allowing more children to work and earn some money. I have called on the District Council to provide pollination throughout Capitol Hill.

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I am committed to creating a more Sustainable DC, but I need your help. Please join the effort at www.sustainabledc.org

Sincerely,
Mayor Muriel Bowser

SUSTAINABLE DC COMMUNITY

Four years ago Sustainable DC was developed out of a sea of incredible community ideas. Thousands of people provided input on the plan and eight teams consisting of over 700 community members drafted its goals, targets, and actions. Four years later, the District sustainability community is stronger than ever. Our work is paying off.

72% of Sustainable DC actions are underway & 25% are complete

AMBASSADORS

Last year 20 Sustainable DC ambassadors attended events across the District including the H Street Festival, Celebrate Petworth, and farmers markets, and had more than 37,348 conversations about sustainability.

VOLUNTEERS

176 people committed to being Sustainable DC volunteers. Together, we’ve planted trees, cleaned up parks, and helped connect those most in need with surplus food.

CLIMATE PHOTO CONTEST

Partnering with the Earth Conservation Corps, volunteers organized a reception to celebrate the winners of the Climate Photo Contest. The winning photographs now travel around the District to spark conversation about climate change at public venues.

THE DISTRICT SUSTAINABILITY AWARDS

In celebration of leadership in sustainability, Sustainable DC honored seven champions this year at its 8th Annual District Sustainability Awards.

Atlas Brew Works is the first and only solar powered craft brewery in the District, further reducing its carbon footprint by canning beer in 100% recyclable packaging and donating spent grain to a local farm for animal feed and compost. Cheers!

Compost Cab supports District urban agriculture by providing home and commercial composting services and partnering with urban farms and community gardens. In 2016, Compost Cab collected more than a quarter of a million pounds of food scraps!

Eco Caters/SuperFd prioritizes recycling, reusing, upcycling, and composting measures in their daily operations. Complementary relationships with local farmers and waste management companies help them grow sustainably—in both senses of the word.

The inaugural People’s Choice Award went to American University for purchasing 100% renewable electricity, building all new construction to LEED Gold standards, and aggressively pursuing their zero waste goal.

The Powerdown DC Award was awarded to the DC Housing Authority and Avalon Bay for buildings with the greatest reduction of energy and water use in a 2016 sustainability competition.

To join the sustainability community and impact your neighborhood or the District as a whole, visit www.sustainabledc.org.
SUSTAINABLE DC PARTNERS

Sustainable DC has further developed strong partnerships with strategic institutions across the District—major landholders, large building owners, and high energy users. Partners pledge to be more sustainable through specific goals and actions. In return, Sustainable DC convenes meetings, provides trainings and technical assistance, and connects pledge participants to resources. We’re honored to be part of these effective public-private partnerships!

UNIVERSITIES
DC’s eight universities have a lot to brag about this past year: from Howard University’s on campus solar power purchase agreement to Georgetown University completing its sixth LEED building and Gallaudet University’s partnership with Casey Trees to plant 30 new trees on campus, these universities are making huge strides in campus sustainability.

INTERNATIONAL INSTITUTIONS
This year, over 100 embassies renewed their commitment to sustainability by signing the Diplomatic Missions and International Institutions Pledge in support of Sustainable DC. To help these institutions implement sustainability in their design, construction, operations, and communication, we partnered with the State Department on a series of energy benchmarking and LEED certification workshops.

HEALTHCARE
Twenty one healthcare institutions, ranging in size from large hospitals to community health clinics, engage with Sustainable DC through the healthcare partnership. This past year, healthcare members met with Philadelphia healthcare institutions to discuss how to increase local healthy food procurement.

BUSINESSES
In 2016 DOEE’s sustainable business program, the Smarter DC Challenge, successfully boasted 100 participating companies. In 2017 the program will be rebranded and managed in-house by DOEE to make it easier for small businesses to participate.

INNOVATION CHALLENGE

The Sustainable DC Innovation Challenge funds bold sustainability pilot projects and strategic studies by District Government agencies. Highlights from 2016 include:

KINETIC PAVING
DDOT and the Golden Triangle BID built an energy-harvesting sidewalk in Dupont Circle. Made from recycled truck tires, special pavers convert kinetic energy from people’s footsteps into electricity that powers decorative lighting.

AQUAPONICS
The University of the District of Columbia (UDC) is building four sustainable food production systems called aquaponics, in which fish provide plants with nutrients to grow and plants act as a filter to purify the water for fish. The project will help provide job training and improve food security in underserved neighborhoods.

OUTDOOR CLASSROOM
The Office of the State Superintendent of Education and the Department of General Services is building an outdoor classroom at Hardy Middle School. Students will use the beautiful, sustainably-built space to learn about renewable energy, native plants, nutrition, and sustainable agriculture.

HEALTHY FOOD TRUCK
UDC built and operates a food truck to serve as a mobile food training lab to distribute fresh produce and healthy cooking demonstrations in Wards 5, 7, and 8.

To learn more about the impressive work of these institutions, visit www.sustainabledc.org/in-dc/sector-pledges
JOBS & ECONOMY

The District is investing in residents to boost employment rates, support new and existing businesses, and promote sustainable economic growth across all eight wards.

CHALLENGES

Thanks to Mayor Bowser, the FY17 budget includes $4.5 million for workforce training and the Career Connections program.

The DC Business Center Portal, launched by the Department of Consumer and Regulatory Affairs, is a new one-stop shop website in which businesses can conveniently apply for a basic business license and become a Certified Business Enterprise (CBE).

DC businesses can now pitch innovative ideas tied to citywide development for the chance to get up to $100,000 through The Launch Pad — a new Department of General Services initiative.

EQUITY & DIVERSITY

Mayor Muriel Bowser adopted Climate Ready DC, the District’s plan to prepare for and adapt to climate change. The plan outlines 77 actions the District will take to build a stronger, healthier, more resilient DC.

To improve cross-cultural communication and create a more inclusive work environment, the Department of Energy & Environment released a draft of Clean Energy DC, a strategy to cut emissions by expanding renewable energy and reducing energy consumption.

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The District Department of Transportation now offers low-cost bike share memberships to community service providers throughout the city thanks to the expansion of the Capital Bikeshare Community Partners program.

CLIMATE & ENVIRONMENT

In the face of higher temperatures, rising tides, and more frequent severe storms, the District is taking decisive action to combat climate change while increasing the city’s resilience.

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HEALTH & WELLNESS

Through an integrated approach, District Government is increasing access to healthy food, places to be active, and quality healthcare services so all residents can improve their health.

Mayor Muriel Bowser announced her vision for ending the HIV epidemic in the District by 2020 with the release of the 90/90/90/50 plan.

New physicians and medical services will now be provided to patients east of the river through a partnership between Howard University College of Medicine and the District Government-operated United Medical Center.

The District recognized 32 businesses that provide exceptional services to older adults and are designated as “age friendly” by the Washington DC Economic Partnership.

The District earned its title as the Most Fit City for the third consecutive year! The District Department of Transportation is expanding access to summer fun this year by reducing rates for District recreational facilities and programs to low-income District families.

A partnership between the Office of Asian and Pacific Island Affairs and Arcadia Farms brought local and culturally appropriate produce to low-income residents in DC’s Chinatown neighborhood via a mobile farmers market.

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**BUILT ENVIRONMENT**

The District is incorporating sustainable design into new construction and improving the environmental performance of existing buildings while increasing the vibrancy of all its neighborhoods.

65% of neighborhoods are walkable

The Office of Planning is leading an update to the District’s Comprehensive Plan to include bold new sustainability policies and is adding a new resilience chapter.

Twice a month the Department of Consumer and Regulatory Affairs hosts residential energy code workshops, working directly with homeowners and small business owners to help them get their permits faster.

The Department of General Services has partnered with the University of the District of Columbia CAUSES to develop an innovative workforce development course for District residents and businesses in the areas of building science, energy management, and sustainability.

To develop vibrant neighborhoods and provide new economic opportunities, the Deputy Mayor for Planning and Economic Development is converting the Grimek School, Franklin School and the MLK Gateway into a cultural space, a language museum and a business incubator, respectively.

**ENERGY**

The District is helping residents and small businesses save money by making their homes and businesses more energy efficient and providing new opportunities for low income families to get access to clean energy.

Mayor Muriel Bowser signed the Renewable Portfolio Standard Expansion Act to decrease the energy bills of low-income residents by 50% and create 100 green jobs within its first year.

The Affordable Solar program, led by the Department of Energy & Environment, installed 158 solar photovoltaic systems on the roofs of low-income households while the Small Business Solar Pilot Program installed 13 projects on the roofs of small businesses in Wards 7 and 8.

The Department of Energy & Environment invested approximately $24 million in energy efficiency and renewable energy services during FY16.

Since the execution of the Department of General Service's wind power purchase agreement in 2015, 136,530 MWh of clean electricity has been generated, saving $179,000 and avoiding 95,950 metric tons of greenhouse gas emissions.

**FOOD**

By creating more opportunities to produce and purchase food locally, the District is increasing the health of District residents and the local economy.

Mayor Bowser signed the Fisheries and Wildlife Omnibus Amendment Act of 2016 to help protect critical wildlife habitat and better manage invasive species.

The District designated the American shad as the state fish and the Hay’s Spring (a tiny crustacean that is only found in DC) as the state amphipod.

The Buzzard Point Framework Plan, a product of the Office of Planning, includes guidelines for a living shoreline and a nature river walk along the Anacostia River with new green spaces.

The Department of Energy & Environment, among other agencies, participates in the Biophilic Cities Network, to incorporate nature into the built environment and provide more opportunities for people to interact with nature on a daily basis.

The Office of Planning released the Small Parks Vision and Management Strategy incorporating sustainable practices such as stormwater management and preservation of wildlife habitats into the design of small parks.

**NATURE**

The District is working to protect our natural areas like forests, meadows, and wetlands while providing all residents convenient access to nature and green places to relax or be active.

Mayor Bowser signed the Office of the State Superintendent of Education, 38% of public schools and 45% of public charter schools have active school gardens programs, totaling 127 school campuses.

The Department of Restaurants, Age-Friendly DC, the DC Food Policy Council, the Department of Public Works, and the Department of General Services are active in the DC Food Recovery Working Group, which launched this year to support source reduction and reuse, food security, and composting efforts.

With support from the Office of the State Superintendent of Education, 38% of public schools and 45% of public charter schools have active school gardens programs, totaling 127 school campuses.

**SOLUTIONS**

www.sustainabledc.org
TRANSPORTATION

The District is strengthening convenient and safe transportation options for pedestrians, bicyclists, and transit riders, while reducing congestion and improving air quality for all residents.

The District Department of Transportation (DDOT) installed 6 miles of bike lanes, for a total of 80 miles of bike lanes across the District.

The Vision Zero Initiative is providing five programs with a total of $600,000 in grants to encourage innovative approaches to transportation safety.

DDOT enhanced the new H/Benning Streetcar line by adding Sunday service and reducing headways between streetcars.

Funded by a Sustainable DC Innovation Challenge grant, the Golden Triangle BID partnered with DDOT to pilot kinetic pavers that converts kinetic energy from people’s footsteps into electricity.

Capital Bikeshare celebrated its 6th anniversary with more than 420 stations across the city, supporting more than 15 million trips since its launch.

American University partnered with Washington Metropolitan Area Transit Authority to pilot a free, unlimited bus and rail University Pass program for its students.

WASTE

The District is launching new product stewardship programs, expanding zero waste initiatives, and partnering with the private sector to create opportunities for waste reduction and reuse.

The Department of Energy & Environment launched new programs to collect and recycle paint and electronic waste in the District: PaintCare and eCYCLE DC. The first paint drop-off event yielded 27,000 pounds of used paint.

Thanks to the Department of Energy & Environment, the Department of Public Works, and Living Classrooms, the 2016 Kingman Island Bluegrass & Folk Festival became the first zero waste music festival in the District with over 12,000 people in attendance.

The Office of Contracting and Procurement’s Sustainable Purchasing Program was awarded the 2016 Sustainable Purchasing Leadership Council’s Purchaser Leadership Award.

Over 6,750 people received a free meal made from produce that would otherwise have been wasted during the Feeding the 5000 event.

The Department of Energy & Environment joined the DC Food Policy Council for the Department of Public Works first Organic Waste Summit to discuss the District’s path to zero waste.

WATER

The District is launching innovative policies and programs to protect and restore the District waterways, better manage stormwater runoff, and reduce potable water consumption.

The District of Columbia, Prince George’s County, and Montgomery County signed the Anacostia River Accord, a commitment to work collaboratively to remove trash from the Anacostia River and its watershed.

The Department of Energy & Environment’s RiverSmart Homes program installed 354 rain barrels, planted 962 trees, constructed 226 rain gardens, and reduced imperious surfaces on 87 properties.

The Department of Energy & Environment’s Stormwater Retention Credit trading program, which accelerates green infrastructure installation through innovative regulations that provide flexibility for regulated development, received a 2016 Innovation Award from the Environmental Council of the States.

SOLUTIONS

2032 goal: 90%

80 miles bike lanes

2013 2014 2015 2016

2013 community water consumption goal: 40%

The Department of Energy & Environment’s Stormwater Retention Credit trading program, which accelerates green infrastructure installation through innovative regulations that provide flexibility for regulated development, received a 2016 Innovation Award from the Environmental Council of the States.
CLIMATE READY DC

In 2016, Mayor Bowser, recognizing that climate change is no longer a distant threat, released a new sister plan to Sustainable DC, to prepare the District for the new challenges created by a changing climate. Climate Ready DC is the District’s plan for adapting to more dangerous heat waves, severe storms, and flooding.

Climate Ready DC was born out of the Sustainable DC plan and was funded by the Sustainable DC Innovation Fund. The Department of Energy & Environment (DOEE) partnered with leading climate scientists—as well as residents, organizations, and government partners—to assess the vulnerability of our city to climate change impacts and identify solutions to reduce risks.

While the vulnerabilities identified are sobering, the good news is we are on our way to building a Climate Ready DC. The plan identifies 77 actions that the District will take to prepare for climate change, such as expanding green spaces to help keep our neighborhoods cool and helping residents and community organizations prepare for emergencies. Many of these actions are already underway thanks to our investments in expanding our tree canopy, managing stormwater, greening our construction codes, and installing solar energy.

We have much more work to do to ensure that all District residents are protected, particularly our most vulnerable. In the coming months, DOEE will develop a more detailed plan for the implementation of Climate Ready DC and will work to integrate the actions in to ongoing planning efforts.

Check out the full plan at doee.dc.gov/climateready

This chart lists progress made on all 163 actions in the Sustainable DC Plan. For more details on the progress of an individual action, please visit www.sustainabledc.org/planprogress. A list of acronyms can be found at www.sustainabledc.org/acronyms.

GOVERNANCE
1. Expand District governmental leadership to implement the Sustainable DC Plan.
   - Short: DOEE
   - Medium: DGS
   - Long: DMEA

2. Formalize recognition of public-private partnerships.
   - Short: OP
   - Medium: DGS
   - Long: DMEA

3. Develop metrics and indicators to track progress in several areas.
   - Short: DGS
   - Medium: DGS
   - Long: DMEA

4. Expand public/private collaboration to meet sustainability goals.
   - Short: DGS
   - Medium: DGS
   - Long: DMEA

5. Expand sector-based sustainability pledges and challenges to promote adoption of sustainable practices.
   - Short: DGS
   - Medium: DGS
   - Long: DMEA

6. Continue annual “Budget Challenge” competition for innovative sustainability projects.
   - Medium: DGS

GOAL 1: Ensure that all school-age children in the District are educated in sustainability and prepared for a changing green economy.
- Expand sector-based sustainability pledges and challenges to promote adoption of sustainable practices.
  - Short: DGS
  - Medium: DGS
  - Long: DMEA

GOAL 2: Ensure transparency in the District’s sustainability agenda including future plans and past progress.
- Ensure that the District takes a leadership role in the Sustainable DC Plan implementation.
  - Short: DGS
  - Medium: DGS
  - Long: DMEA

GOAL 3: Minimize the generation of greenhouse gas emissions from all sources.
- Reduce emissions from energy use.
  - Short: DGS
  - Medium: DGS
  - Long: DMEA

BUILT ENVIRONMENT
1. Increase urban density to accommodate future population growth within the District’s existing urban area.
   - Short: DGS
   - Medium: DGS
   - Long: DMEA

2. Increase affordable housing.
   - Short: DGS
   - Medium: DGS
   - Long: DMEA

3. Combat climate change.
   - Short: DGS
   - Medium: DGS
   - Long: DMEA

4. Improve the sustainability performance of existing buildings.
   - Short: DGS
   - Medium: DGS
   - Long: DMEA

5. Reduce the demand for energy and water.
   - Short: DGS
   - Medium: DGS
   - Long: DMEA

CLIMATE & ENVIRONMENT
1. Reduce the District’s greenhouse gas emissions from all sources.
   - Short: DGS
   - Medium: DGS
   - Long: DMEA

2. Reduce the District’s energy and water consumption.
   - Short: DGS
   - Medium: DGS
   - Long: DMEA

3. Increase the District’s renewable energy use.
   - Short: DGS
   - Medium: DGS
   - Long: DMEA

4. Protect the District’s natural resources.
   - Short: DGS
   - Medium: DGS
   - Long: DMEA

5. Improve the sustainability performance of existing buildings.
   - Short: DGS
   - Medium: DGS
   - Long: DMEA

6. Improve the District’s infrastructure to withstand future climate-related events.
   - Short: DGS
   - Medium: DGS
   - Long: DMEA

HEALTH & WELLNESS
1. Improve health and active lifestyles for all residents, regardless of income, ability, or employment.
   - Short: DGS
   - Medium: DGS
   - Long: DMEA

2. Create safe environments that are conducive to healthy living.
   - Short: DGS
   - Medium: DGS
   - Long: DMEA

3. Improve integration of sustainable plans into school curricula to expose schoolchildren to new careers.
   - Short: DGS
   - Medium: DGS
   - Long: DMEA

4. Foster collaboration with the Washington Metropolitan Council to develop targeted workforce development strategies.
   - Short: DGS
   - Medium: DGS
   - Long: DMEA

EQUITY & DIVERSITY
1. Ensure that at least half of District residents are served.
   - Short: DGS
   - Medium: DGS
   - Long: DMEA

2. Increase the quality and number of Early Childhood Development Centers.
   - Short: DGS
   - Medium: DGS
   - Long: DMEA

3. Launch the implementation of the Environmental Literacy Plan (ELP) in school curricula.
   - Short: DGS
   - Medium: DGS
   - Long: DMEA

4. Ensure the actions and impacts of residents and local community leaders are in public sustainability campaigns.
   - Short: DGS
   - Medium: DGS
   - Long: DMEA

PLAN PROGRESS CHART

AGENCY
LEAD
TECH
PROGRESS KEY
Not started
Initiated
Moderate progress
Complete

SOURCE: DGS, DMEA
www.sustainabledc.org
<table>
<thead>
<tr>
<th>ACTION</th>
<th>TIME FRAME</th>
<th>LEAD AGENCY</th>
<th>PROGRESS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Improve the efficiency of energy use to reduce overall consumption.</td>
<td>Long</td>
<td>DDOT</td>
<td>Complete 25% of renewable energy systems.</td>
</tr>
<tr>
<td>Require building energy audits and disclosure of energy performance.</td>
<td>Medium</td>
<td>DDOT</td>
<td>Complete at least 100 energy audits and disclosure.</td>
</tr>
<tr>
<td>Establish Historic Energy Performance Standard for buildings conditioned by building use.</td>
<td>Long</td>
<td>DOEE</td>
<td>Complete at least 100 energy audits and disclosure.</td>
</tr>
<tr>
<td>Rebuild all streets and public lighting with higher efficiency fixtures.</td>
<td>Long</td>
<td>DCDOT</td>
<td>Complete 25% of public lighting with high efficiency.</td>
</tr>
<tr>
<td>Fund 300% of renewable energy and efficiency retrofits.</td>
<td>Medium</td>
<td>DOEE</td>
<td>Complete 50% of renewable energy and efficiency retrofits.</td>
</tr>
<tr>
<td>Complete a Comprehensive Energy Plan by 2014.</td>
<td>Medium</td>
<td>DOEE</td>
<td>Complete 50% of comprehensive energy plans.</td>
</tr>
<tr>
<td>Launch a citywide educational campaign to lower citywide energy use.</td>
<td>Medium</td>
<td>DOEE</td>
<td>Complete 50% of citywide educational campaigns.</td>
</tr>
<tr>
<td>Increase the proportion of energy, secured from clean and renewable suppliers.</td>
<td>Medium</td>
<td>DOEE</td>
<td>Complete 50% of energy, secured from clean and renewable suppliers.</td>
</tr>
<tr>
<td>Introduce legislation to reduce fossil fuel-based energy.</td>
<td>Medium</td>
<td>DOEE</td>
<td>Complete 50% of legislation to reduce fossil fuel-based energy.</td>
</tr>
<tr>
<td>Complete a feasibility study to identify opportunities for neighborhood-scale renewable energy systems.</td>
<td>Medium</td>
<td>DOEE</td>
<td>Complete 50% of feasibility studies.</td>
</tr>
<tr>
<td>Build 5-20 additional residential and commercial renewable energy projects.</td>
<td>Medium</td>
<td>DOEE</td>
<td>Complete 50% of additional renewable energy projects.</td>
</tr>
<tr>
<td>Allow community solar and renewable energy systems through legislation.</td>
<td>Long</td>
<td>DOEE</td>
<td>Complete at least 100 community solar and renewable energy systems.</td>
</tr>
<tr>
<td>Develop a wind farm in the region to power District Government and private facilities.</td>
<td>Long</td>
<td>DOEE</td>
<td>Complete at least 1 wind farm.</td>
</tr>
<tr>
<td>Modernize the energy infrastructure for improved efficiency and reliability.</td>
<td>Medium</td>
<td>DOEE</td>
<td>Complete 50% of modernized energy infrastructure.</td>
</tr>
<tr>
<td>Develop a plan for citywide retrofit of smart meters and smart grid infrastructure.</td>
<td>Medium</td>
<td>DOEE</td>
<td>Complete 50% of citywide retrofit of smart meters and smart grid infrastructure.</td>
</tr>
<tr>
<td>Work with city agencies to improve the visibility of energy transmission and distribution.</td>
<td>Medium</td>
<td>DOEE</td>
<td>Complete 50% of increased visibility of energy transmission and distribution.</td>
</tr>
<tr>
<td>Modernize electricity infrastructure to enable expansion of local energy generation projects.</td>
<td>Medium</td>
<td>DOEE</td>
<td>Complete 50% of modernized electricity infrastructure.</td>
</tr>
<tr>
<td>Work with local educational and workforce development institutions to train District residents for work in the renewable energy and energy efficiency industry.</td>
<td>Medium</td>
<td>DOEE</td>
<td>Complete 50% of workforce development institutions.</td>
</tr>
</tbody>
</table>

### FOOD

<table>
<thead>
<tr>
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<th>TIME FRAME</th>
<th>LEAD AGENCY</th>
<th>PROGRESS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Increase agricultural land uses within the District.</td>
<td>Short</td>
<td>DOEE</td>
<td>Complete 50% of agricultural land uses.</td>
</tr>
<tr>
<td>Adopt the Sustainable Urban Agriculture Act and make amendments for expanded urban agriculture.</td>
<td>Short</td>
<td>DOEE</td>
<td>Complete 50% of amendments for expanded urban agriculture.</td>
</tr>
<tr>
<td>Strengthen the process to find and use land for community agriculture projects.</td>
<td>Medium</td>
<td>DOEE</td>
<td>Complete 50% of strengthened processes.</td>
</tr>
<tr>
<td>Install educational gardens at 75% of DC Public Schools.</td>
<td>Medium</td>
<td>DOEE</td>
<td>Complete 50% of educational gardens.</td>
</tr>
<tr>
<td>Develop orchards or other food-producing landscaping in over 150 acres of DC public spaces.</td>
<td>Medium</td>
<td>DOEE</td>
<td>Complete 50% of food-producing landscaping.</td>
</tr>
<tr>
<td>Develop permitting for pop-up agriculture.</td>
<td>Medium</td>
<td>DOEE</td>
<td>Complete 50% of development permitting.</td>
</tr>
<tr>
<td>Expand the DC Healthy Corner Store initiative.</td>
<td>Medium</td>
<td>DOEE</td>
<td>Complete 50% of expansion.</td>
</tr>
<tr>
<td>Introduce fresh food circulators and mobile vendors in neighborhoods with poor access to fresh foods.</td>
<td>Medium</td>
<td>DOEE</td>
<td>Complete 50% of fresh food circulators and mobile vendors.</td>
</tr>
<tr>
<td>Expand the Double or Nothing program to柔和 sought destinations within the District.</td>
<td>Medium</td>
<td>DOEE</td>
<td>Complete 50% of expanded Double or Nothing program.</td>
</tr>
<tr>
<td>Incorporate best practices in healthy and local menus in all DC Public Schools.</td>
<td>Medium</td>
<td>DOEE</td>
<td>Complete 50% of best practices.</td>
</tr>
<tr>
<td>Increase transportation access to the nutritional content of food.</td>
<td>Medium</td>
<td>DOEE</td>
<td>Complete 50% of transportation access.</td>
</tr>
<tr>
<td>Develop cooperative food purchasing systems.</td>
<td>Medium</td>
<td>DOEE</td>
<td>Complete 50% of cooperative food purchasing systems.</td>
</tr>
<tr>
<td>Complete a comprehensive study of DC food supply systems.</td>
<td>Medium</td>
<td>DOEE</td>
<td>Complete 50% of comprehensive study.</td>
</tr>
<tr>
<td>Create a Local Food Hub for consolidation and distribution of local produce.</td>
<td>Short</td>
<td>OP</td>
<td>Complete 50% of Local Food Hub.</td>
</tr>
<tr>
<td>Develop small business food processing incubator center in DC.</td>
<td>Medium</td>
<td>DDOT</td>
<td>Complete 50% of small business food processing incubator center.</td>
</tr>
<tr>
<td>Permit incidental sales of food from community gardens.</td>
<td>Medium</td>
<td>OP</td>
<td>Complete 50% of incidental sales of food.</td>
</tr>
<tr>
<td>Designate staff to actively participate in new Food Policy Council.</td>
<td>Short</td>
<td>OP</td>
<td>Complete 50% of staff participation.</td>
</tr>
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<td>Create a Local Food Hub for consolidation and distribution of local produce.</td>
<td>Medium</td>
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<td>Permit incidental sales of food from community gardens.</td>
<td>Medium</td>
<td>OP</td>
<td>Complete 50% of incidental sales of food.</td>
</tr>
<tr>
<td>Designate staff to actively participate in new Food Policy Council.</td>
<td>Short</td>
<td>OP</td>
<td>Complete 50% of staff participation.</td>
</tr>
<tr>
<td>Increase green and institutional provision oflocally sourced foods.</td>
<td>Medium</td>
<td>OP</td>
<td>Complete 50% of locally sourced foods.</td>
</tr>
</tbody>
</table>

### NATURE

<table>
<thead>
<tr>
<th>ACTION</th>
<th>TIME FRAME</th>
<th>LEAD AGENCY</th>
<th>PROGRESS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Protect and restore wetlands, waterways, and aquatic ecosystems.</td>
<td>Medium</td>
<td>DOEE</td>
<td>Complete 50% of protected and restored ecosystems.</td>
</tr>
<tr>
<td>Work with the National Park Service to update open space plans and management policies.</td>
<td>Long</td>
<td>DOEE</td>
<td>Complete at least 100 open space plans and management policies.</td>
</tr>
<tr>
<td>Develop an Urban Wetland Registry to facilitate identification or creation of wetland habitats.</td>
<td>Medium</td>
<td>DOEE</td>
<td>Complete at least 100 Urban Wetland Registry.</td>
</tr>
<tr>
<td>Plant and maintain at least 1,500 acres of wetlands along the Anacostia and Potomac Rivers and smaller streams.</td>
<td>Medium</td>
<td>DOEE</td>
<td>Complete 50% of wetlands.</td>
</tr>
<tr>
<td>Require new waterfront developments and renovations to incorporate Low Impact Development strategies.</td>
<td>Medium</td>
<td>DDOT</td>
<td>Complete 50% of new waterfront developments and renovations.</td>
</tr>
<tr>
<td>Implement a Fisheries Management Plan to restore DC’s native fisheries.</td>
<td>Medium</td>
<td>DOEE</td>
<td>Complete at least 1 Fisheries Management Plan.</td>
</tr>
<tr>
<td>Protect and expand tree cover and green landscapes, creating a sustainable District-wide tree canopy.</td>
<td>Medium</td>
<td>DDOT</td>
<td>Complete 50% of tree cover and green landscapes.</td>
</tr>
<tr>
<td>Plant 300,000 trees citywide per year until 2015.</td>
<td>Short</td>
<td>DDOT</td>
<td>Complete 50% of 300,000 trees.</td>
</tr>
<tr>
<td>Replace 75% of public lighting with fixtures that reduce light pollution.</td>
<td>Medium</td>
<td>DDOT</td>
<td>Complete 50% of public lighting fixtures.</td>
</tr>
<tr>
<td>Create a connectivity map to guide development of viable habitats throughout the District.</td>
<td>Medium</td>
<td>DDOT</td>
<td>Complete 50% of connectivity map.</td>
</tr>
<tr>
<td>Require trees and green space on all new development sites.</td>
<td>Medium</td>
<td>DDOT</td>
<td>Complete 50% of trees and green space.</td>
</tr>
<tr>
<td>Designate use of native plant varieties for District Government plantings and landscaping.</td>
<td>Medium</td>
<td>DDOT</td>
<td>Complete 50% of native plant varieties.</td>
</tr>
<tr>
<td>Expand a Parks Access and Open Spaces Plan for all residents.</td>
<td>Medium</td>
<td>DDOT</td>
<td>Complete 50% of a Parks Access and Open Spaces Plan.</td>
</tr>
<tr>
<td>Preserve open space plans to increase residential connections to green space and the rivers.</td>
<td>Short</td>
<td>DDOT</td>
<td>Complete 50% of open space plans.</td>
</tr>
<tr>
<td>Expand the formal trail network for hiking and biking.</td>
<td>Short</td>
<td>DDOT</td>
<td>Complete 50% of formal trail network.</td>
</tr>
<tr>
<td>Renovate and improve all District playgrounds.</td>
<td>Short</td>
<td>DDOT</td>
<td>Complete 50% of playground renovations.</td>
</tr>
<tr>
<td>Improve trail linkages to parks and natural areas.</td>
<td>Medium</td>
<td>DDOT</td>
<td>Complete 50% of trail linkages.</td>
</tr>
<tr>
<td>Create small parks and green spaces in areas with inadequate open space.</td>
<td>Medium</td>
<td>DDOT</td>
<td>Complete 50% of small parks and green spaces.</td>
</tr>
</tbody>
</table>

### WATER

<table>
<thead>
<tr>
<th>ACTION</th>
<th>TIME FRAME</th>
<th>LEAD AGENCY</th>
<th>PROGRESS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Improve the quality of rivers to standards suitable for fishing and swimming.</td>
<td>Medium</td>
<td>DOEE</td>
<td>Complete 50% of improved quality of rivers.</td>
</tr>
<tr>
<td>Field test innovative technologies to improve river water quality.</td>
<td>Medium</td>
<td>DOEE</td>
<td>Complete 50% of field tests.</td>
</tr>
<tr>
<td>Reduce the use of cosmetic pesticides and chemical fertilizers.</td>
<td>Medium</td>
<td>DOEE</td>
<td>Complete 50% of reduced use of pesticides and fertilizers.</td>
</tr>
<tr>
<td>Reduce the use of harmful salts on roads and sidewalks.</td>
<td>Medium</td>
<td>DOEE</td>
<td>Complete 50% of reduced use of harmful salts.</td>
</tr>
<tr>
<td>Study the feasibility of implementing nutrient and water quality trading programs.</td>
<td>Medium</td>
<td>DOEE</td>
<td>Complete 50% of feasibility study.</td>
</tr>
<tr>
<td>Reduce pressure on stormwater infrastructure and reduce long-term flood risk.</td>
<td>Medium</td>
<td>DOEE</td>
<td>Complete 50% of reduced pressure on stormwater infrastructure.</td>
</tr>
<tr>
<td>Install rainwater cisterns and green roofs.</td>
<td>Medium</td>
<td>DDOT</td>
<td>Complete 50% of rainwater cisterns and green roofs.</td>
</tr>
<tr>
<td>Increase the use of green infrastructure across public rights of way.</td>
<td>Medium</td>
<td>DDOT</td>
<td>Complete 50% of green infrastructure.</td>
</tr>
<tr>
<td>Build a series of green streets in DC.</td>
<td>Medium</td>
<td>DDOT</td>
<td>Complete 50% of green streets.</td>
</tr>
<tr>
<td>Establish pervious surface minimums for targeted zoning districts.</td>
<td>Medium</td>
<td>DDOT</td>
<td>Complete 50% of pervious surface minimums.</td>
</tr>
<tr>
<td>Expand use of neighborhood-scale water collection networks.</td>
<td>Medium</td>
<td>DDOT</td>
<td>Complete 50% of neighborhood-scale water collection networks.</td>
</tr>
<tr>
<td>Develop incentives for water-efficiency measures in landscaping and building design.</td>
<td>Medium</td>
<td>DDOT</td>
<td>Complete 50% of incentives for water-efficiency measures.</td>
</tr>
<tr>
<td>Expand use of the water monitoring technologies.</td>
<td>Medium</td>
<td>DDOT</td>
<td>Complete 50% of water monitoring technologies.</td>
</tr>
</tbody>
</table>
WAYS TO GET INVOLVED

BE A WASTE WARRIOR

Wondering how you can make the District more sustainable? From simple actions you can take at home to larger commitments affecting your entire community, here’s a list of ways you can be a part of the Sustainable DC movement.

Prevent food waste: 40% of food in the US is wasted. Plan meals ahead, and freeze extra produce and leftovers before they go bad.

Skip the rinse: If you’re using a dishwasher, stop rinsing your plates before you run the machine and save 6,000 gallons of water per year.

Say good bye to phantom power: Plug appliances into a power strip and turn them off completely when not in use to avoid phantom energy being drawn even when equipment is off.

Don’t dump it: Donate old towels and blankets you can’t use anymore to a local animal shelter. Shelters use them for bedding for dogs and cats.

BE A SUSTAINABILITY CHAMPION

Sustainable DC Ambassadors: Like talking to people? Join our team of enthusiastic volunteers by serving as an ambassador. Ambassadors spread the word on how sustainability can help all District residents.

Sustainable DC Volunteers: Want to get your hands dirty? Volunteers connect residents with hands-on environmental opportunities. It’s simple – we connect you to events and you pick your level of commitment!

Gain recognition: Each year the District Sustainability Awards recognize businesses, individuals, and organizations that are working towards creating a more sustainable DC.

Initiate your own neighborhood-scale project: Consider developing your own sustainability project and reach out to us at Sustainable DC if you need help thinking through an idea or could use some technical assistance!

Just like our city, Sustainable DC is evolving. We’re kicking off a collaborative process to update the plan together, and we want to hear from you! Get involved at www.sustainabledc.org.

www.sustainabledc.org

sustainable.future@dc.gov | @SustainDC

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