

SECOND YEAR PLAN PROGRESS CHART

Progress Key: 0 = Not started; 1 = Initiated; 2 = Moderate Progress; 3 = Significant Progress; 4 = Complete



#	ACTION TEXT	LEAD AGENCY	PARTNER AGENCIES	2016 PROGRESS	2015 PROGRESS	2014 PROGRESS	APRIL 2016	APRIL 2015
GOVERNANCE								
GV1	Expand District government leadership to implement the Sustainable DC plan.							
GV1.1	Dedicate District government staff and funding to implement the Sustainable DC plan, track progress, and make results publicly available.	EOM	DOEE, OP	3	3	3	Over a dozen sustainability staff members joined District Government this past year.	DDOE hired two new staff members hired to work on Sustainable DC green housing and green buildings full-time. One Capital City Fellow was brought on to work full-time on Sustainable DC for 6 months.
GV1.2	Implement a process to collect, analyze, and report data to ensure progress toward goals and targets by prescribed dates.	EOM	DOEE, OP	3	3	2	DOEE worked to refine metrics for all the targets in the plan as well as began measuring baselines and progress.	DC submitted its STAR certification and received a 4-STAR rating. DC staff also set metrics for all the targets in the plan and are now measuring baselines and progress.
GV1.3	Identify existing laws, regulations, and policies that conflict with sustainability goals and areas where new authority is required.	EOM	DOEE, OP, DCRA, DOES, DPW, DC Water, DDOT, DSLBD, DGS	3	3	3	DPW has identified waste laws and regs that need to be updated related to commercial entities setting out food waste, application of biosolids, and no clear guidance on regulations and permitting requirements for establishing composting or anaerobic digestion facilities in the District	The Mayoral Regulatory Reform Taskforce report was released its report in 2014. The Sustainable DC Act of 2014 contained eight titles, including a component specifying tree removals cannot be replaced after construction with a later replanting, but have to be paid in-lieu up front before construction is complete.
GV1.4	Expand public/private collaboration to meet sustainability goals.	EOM	DOEE, OP	2	2	1	Mayor Bowser established the District's Office of Public Private Partnerships. This new office is responsible for developing collaborations between the private sector and District government agencies to support large-scale projects such as infrastructure development and improvements. The George Washington University hosted a District Climathon, and with the support of DOEE and DPW, the winning Climathon team was able to attend the United Nations climate summit in Paris.	The Sustainable DC Mayor's Order Task Force reports for 11 task forces were released publically in December 2014. They are available online at http://www.sustainabledc.org/in-dc/mayors-order/ .
GV1.5	Expand sector-based sustainability pledges and challenges to promote adoption of sustainable practices.	EOM	EOM, OP, Office of Religious Affairs, Office of Neighborhood Engagement, Community Partners	3	3	3	The Smarter Business Challenge enrolled 169 businesses and commercial buildings and completed over 1,900 actions, including promoting employee health, conserving energy and water, and purchasing green materials.	The Health Care Sector Pledge was signed in autumn 2014, bringing 21 local health organizations to collaborate on common sustainability goals.
GV1.6	Continue annual "Budget Challenge" competition for innovative sustainability projects within District government.	EOM	All District government	4	3	4	OP, DOEE, and partner agencies continue to analyze potential best uses of remaining capital funds for innovative projects to advance the goals of Sustainable DC.	More than \$7.5 million in funding has been provided for District agency innovation projects as part of the Sustainable DC Innovation Challenge, and more than \$4.2 billion was included in the District's FY15 budget for projects related to Sustainable DC.
JOBS AND THE ECONOMY								
JE1	Grow and diversify DC's business sectors for sustained economic prosperity. Target: By 2032, develop 3 times as many small District-based businesses.							

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JE1.1	Complete a review of regulatory reform options to make it easier to do business in the District.	DCRA	DSLBD, DMPED, DOEE, OP, DOES	4	4	2	Complete.	The Business Regulatory Reform Task Force released its report in August 2014, which included 16 recommendations. One major result was DCRA's new Small Business Resource Center to guide residents starting or expanding businesses through the regulatory process.
JE1.2	Formally recognize corporations that meet independent social and environmental performance standards.	DCRA	DSLBD, DMPED, DOEE, OP	4	4	4	Complete.	Action is complete, there are currently 20 B Corporations registered in the District.
JE1.3	Use anchor institutions to create local markets for sustainable enterprises.	OCP	EOM, DOEE, OP, UDC, DMPED	2	2	1	<p>The Food Policy Council is exploring the idea of developing a central kitchen for DC Public Schools. This kitchen could help serve as a shared space for other businesses looking to grow, but that are unable to afford to rent a private space.</p> <p>The George Washington University Climathon is another example of an anchor institution, a major university, helping to foster sustainable enterprises. The Climathon brought together entrepreneurs to answer the question of how public-private partnerships can reduce food waste/loss generated by the District's residential or commercial sectors.</p>	OCP has posted all Sustainable Procurement specifications online. OCP held 6 training webinars explaining the specs; the specs were a feature of the first three months of the Smarter DC Challenge; OCP participated in MWCOG venter fair, which made partnerships with regional counties; and OCP is a Tier 1 partner for purchasing sustainable playbook.
JE2	Expand the number and range of jobs available to District residents and ensure access to new jobs through appropriate skill s training. Target: By 2032, cut citywide unemployment by 50% and increase by 5 times the number of jobs providing green goods and services.							
JE2.1	Improve integration of sustainable jobs training into school curricula to expose schoolchildren to new careers.	OSSE	DCPS, DOEE, DOES, UDC	2	2	2	DOEE and DCPS sent 100 high school students to the Green Build Expo in November 2015. Students met with representatives of the building industry to discover the myriad of career options available in the green industry.	Many of the School Garden Grantees provide job training to high school students. One example is the City Blossom's grantee's program at Eastern High School's class for growing seedlings in the greenhouse which are then sold and students are paid in Amazon gift cards. OSSE is currently reviewing applications for the Environmental Literacy Position which will be housed within the Healthy Schools Act Initiatives Team within the Department of Wellness and Nutrition.
JE2.2	Partner with the Workforce Investment Council to develop targeted workforce development strategies.	DOES	DMPED	1	1	1	DC Water worked with the Water Environment Federation this year to begin to develop a green jobs certification and training program. When established, District residents will be encouraged to participate in the training program and receive a certification, potentially leading to employment on DC Water and other green infrastructure projects.	Update forthcoming
HEALTH AND WELLNESS								

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HW1	Inspire healthy, active lifestyles for all residents, regardless of income, ability or employment. Target: By 2032, cut the citywide obesity rate by 50%.							
HW1.1	Expand public park access and programming to promote healthy lifestyles through physical exercise.	DPR	DOH	2	2	2	DPR's Urban Gardens Division completed 27 new garden plots, conducted 108 gardening classes, and are on target to complete 31 new gardens by spring of 2016. Also, as part of FitDC's effort to encourage residents to stay active, Mayor Bowser directed DPR to waive resident fees at DPR fitness centers starting on January 1, 2016.	DPR and OP completed the Parks and Recreation Master Plan in January 2015. DPR has hired a small parks specialist to activate small parks across the District and a gardens specialist to increase gardening and related classes on park sites and recreation centers.
HW1.2	Invest in a public health campaign to promote the benefits of healthy eating and active living.	DOH	DPR, DCPS, DSLBD	2	2	2	In 2015, DOH relaunched the Live Well DC campaign as Fit DC. As part of its campaign, residents were challenged to increase their daily physical activity by walking more. The Billion Steps Challenge was initiated as part of FitDC. Ward walks and health and wellness activities were scheduled across the city reaching more than 750 participants.	DSLBD's Health Corner Store brings healthy food options to local corner stores. The new Request for Proposals for the program will be issued in spring 2015. DPR managed their Move, Grow, be Green campaign and are currently offering 70 garden classes annually. DOH has relaunched the Live Well DC campaign as Fit DC an updated nutrition and physical fitness citywide health and wellness campaign. DC Public Schools has nutritional standards that continue to go beyond both the federal requirements and those of the DC Healthy Schools Act. DCPS has also created new programs to increase student input in school food. This school year the Student Food Ambassador Program was created to provide direct feedback and continual communication with the DCPS student body.
HW2	Create safe environments that are conducive to healthy living. Target: By 2032, require all new housing projects in the District to meet "Healthy by Design" standards.							

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HW2.1	Develop a "Healthy by Design" program for new affordable housing projects with priority focus in low-income and underserved neighborhoods.	DCHA	DHCD, DOH, DOEE, OP	4	2	1	DCHA is using 2015 Enterprise Green Communities Criteria to design its affordable housing developments in the pipeline, such as Capper Square 769N, Parkway Overlook, Kenilworth Courts, Barry Farm and Park Morton. In these projects, healthy design concepts include: programmed and un-programmed green space, accessible stairwells to give people an option other than elevators where it makes sense, using healthy/sustainable building materials, and including green roofs and community gardens.	In December 2014, the City Administrator released the Healthy by Design Mayor's Order Task Force report. Standards from the report have been included in the St. Elizabeths-Congress Heights EcoDistrict healthy and active living goals and activities.
HW2.2	Complete a feasibility study to understand the environmental, economic, and social barriers to healthy lifestyles that are specific to the District.	DOH	OP, DPR	4	4	3	Complete.	In February 2014, DOH completed the District's Comprehensive Health Assessment, now available on DOH's website. OP also organized a working group for the St. Elizabeths-Congress Heights EcoDistrict healthy and active living goals and activities. A set of goals from the plan may be developing design guidelines.
EQUITY AND DIVERSITY								
ED1	Ensure that all school-age children in the District are educated in sustainability Target: By 2032, teach at least 50% of children in the District about sustainability concepts.							

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ED1.1	Modernize all public school buildings.	DGS	DCPS	3	3	3	A total of 31 modernizations (including new construction) have been completed to date and 31 schools have completed at least one phase of modernization. As of April 2016, there are 11 modernization projects currently in design or construction, including the Duke Ellington School of the Arts and Marie Reed. Per the Healthy Schools Act, all school projects must earn Gold or higher on the LEED for Schools rating system.	The new Ballou High School opened Jan 2015. Expansions or significant modernizations also occurred on ten other schools. Four new schools were LEED-certified this year (HD Woodson High School, Turner Elementary School, Cardozo Senior High School, and Dunbar Senior High School). Dunbar now has the highest LEED for Schools NC building in the world at 91 points.
ED1.2	Increase the quality and number of Early Childhood Development Centers.	DME	OSSE, DCPS	3	3	2	In the 2016 State of the District, Mayor Bowser announced the District will add \$3.6 million for childcare across DC and has tasked the DME and DMHHS to convene a working groups to come up with recommendations for expanding childcare and early childhood opportunities.	The Healthy Tots Act will be overseen by the Child and Adult Care Food Program (CACFP) and the Healthy School Initiatives Team (HSI) and will provide funding for: healthy meals, adopt higher nutritional standards, serving local produce, physical activity, school gardens and Farm to Preschool Programs.
ED1.3	Launch the implementation of the Environmental Literacy Plan (ELP) in school curriculum.	DOEE-NRA	OSSE, DCPS	3	3	2	OSSE hired a full-time Environmental Literacy Coordinator who is continuing to expand and promote environmental education programs and funding in DC public schools. Lessons from the Sustainable DC Model Schools project informed the creation of the 2016 Environmental Literacy Leadership Cadre, where 17 leaders representing 16 elementary schools are using the Environmental Literacy Framework to develop individual school-based environmental literacy plans. OSSE also launched two funding opportunities for nonprofits to support the cadre schools. DOEE's Overnight Meaningful Watershed Educational Experience is scheduled to reach 64 schools during the 2015-16 school year. And through SWEEP Jr. (Solid Waste Education and Enforcement), DPW is providing schoolwide education on recycling.	OSSE is currently reviewing applications for the Environmental Literacy Position. The eight Sustainable DC Model Schools have created their school-based environmental literacy implementation plans and have been making progress to engage students in environmental literacy activities at each grade level. Preliminary results show that environmental literacy is easier to integrate school-wide at the elementary level. The spring schedule for the Overnight Meaningful Watershed Educational Experience has been set for 34 schools.

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ED2	Ensure transparency in the District's sustainability agenda including future plans and past progress. Target: By 2032, expose 100% of District residents to Sustainable DC events and initiatives in their neighborhood.							
ED2.1	Reach community members in their daily lives with sustainability information.	DOEE-USA, OP		4	3	2	Sustainable DC recruited and trained 45 volunteer ambassadors, representing all eight wards, who participated in community outreach and engagement events throughout the city. In addition, Sustainable DC ramped up its social media presence and worked with DOEE's Communications Department to better integrate Sustainable DC into overall agency outreach and programming.	To help get out the word about sustainability across the District, Sustainable DC launched a volunteer program called Sustainable DC Ambassadors (formerly Sustainable DC Organizers). In 2014, 45 trained Ambassadors spread the word about Sustainable DC at more than a 100 community events and meetings.
ED2.2	Feature the actions and impacts of residential and local community leaders in public sustainability campaigns	DOEE-USA		3	3	3	DOEE awarded five community partners with a District Sustainability Award this past year. The annual Sustainability Awards recognize outstanding businesses and organizations for their environmental stewardship, innovative best practices, pollution prevention, and resource conservation. In addition to the award, Sustainable DC highlighted green, sustainable businesses throughout the year in its monthly e-newsletter that reaches nearly 5,000 individuals.	Seven community leaders were honored as recipients of the Mayor's Sustainability Awards in 2014. In October 23, twenty-one local healthcare facilities gathered to sign the Sustainable DC Healthcare Sector Sustainability Pledge. This is the fourth sector pledge within Sustainable DC (the other three being higher education, international institutions, and downtown businesses). The Smarter DC Challenge targeting businesses and office sector was also launched. The pledge works with businesses downtown to lower their energy and water usage, improve their waste management, and increase their use of sustainable transportation.
CLIMATE AND ENVIRONMENT								
CE1	Minimize the generation of greenhouse gas emissions from all sources. Target: By 2032, reduce greenhouse gas emissions by 50%.							
CE1.1	Create online tools that allow people to view and share greenhouse gas emissions data and make more informed choices.	DOEE-USA	OCTO	2	2	2	DOEE launched POWER DOWN DC, a voluntary building to building education series and utility reduction competition for apartments. Residents and staff are challenged to reduce building energy and water use by a minimum of 5% over a four-month period. The program encourages behavior change through education, group and individual activities, and regular reminders about using less energy and water.	DGS launched Build Smart DC website with live 15-minute interval data for energy use in District government facilities. DDOE has also launched public benchmarking for office and commercial buildings over 50,000 so which must publically report their energy use.
CE1.2	Create financial tools that support climate protection programs by capturing the environmental costs of products and services.	DOEE-USA	OP	1	1	0	In 2015, DOEE issued a grant to assess potential innovative financing mechanisms such as green banks and carbon pricing in order to increase investment in deep green and net-zero buildings.	No further progress.
CE1.3	Report District emissions on a regular basis to track the reductions that can be attributed to specific initiatives.	DOEE-USA	DGS	3	3	2	DOEE reports the District's greenhouse gas emissions each year to CDP, a public carbon disclosure platform. In 2015, the District was one of the first 11 global cities to fully comply with the reporting requirements of the Compact of Mayors, a common platform to capture the impact of cities' collective actions to address climate change.	DDOE will be releasing a District-wide GHG inventory for 2013 in 2015. Additionally, Build Smart DC reports the annual greenhouse gas emissions of individual District buildings. BuildSmart DC is an interactive platform for exploring the District's building portfolio, with a focus on Building Energy Performance.
CE2	Advance physical adaptation and human preparedness to increase the District's resilience to future climate change. Target: By 2032, require all new building and major infrastructure projects to undergo climate change impact analysis as part of the regulatory planning process.							

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CE2.1	Evaluate the vulnerability of the District's energy infrastructure to the anticipated impacts of climate change.	DOEE	OP	2	2	1	Climate Ready DC is the District's planning effort to prepare for the impacts of climate change. In order to inform the Climate Ready DC plan, DOEE has worked with team of technical experts to assess the vulnerability of the District's infrastructure, including energy, water and transportation, to increased heat and flooding due to climate change. The plan will be released for public comment in Summer 2016.	DDOE is working on adaptation plan which is expected to be released in summer 2015. The plan will release local climate effects and recommendations for action.
CE2.2	Prepare District emergency services to respond to severe climate-related events such as extreme heat, storms, and flooding.	HSEMA	MPD, DCFD, DOEE, OP	2	2	2	HSEMA has worked with DDOE to incorporate climate change risks into the District's Threat and Hazard Identification and Risk Assessment (THIRA) planning process. The THIRA process helps to guide District priorities and resources for hazard mitigation, emergency response and preparedness. DOEE will also work with HSEMA to incorporate climate change consideration into the next update of the District's All Hazard Mitigation Plan.	HSEMA is working with DDOE to incorporate local climate change projections, completed as the first phase in the development of District's citywide climate adaptation plan, into the District's Threat and Hazard Identification and Risk Assessment (THIRA) planning process. The THIRA process helps to guide District priorities and resources for hazard mitigation, emergency response and preparedness.
CE2.3	Require adaptation solutions as part of planning consent for new developments.	OP	DOEE	2	1	0	OP applied adaptive solutions in three neighbourhood plans. In addition, the Green Area Ration (GAR) is institutionalized in all zoning cases.	OP has developed an internal sustainability toolkit for local area plans and is in the process of testing it on three local plans. The Green Area Ratio is an environmental sustainability zoning regulation that sets standards for landscape and site design to help reduce stormwater runoff, improve air quality, and keep the city cooler. The GAR is now a required standard for all developments larger than 2 units in high-density residential and commercial zones. In April 2014, DDOE award a grant to a team of climate change experts to help develop a citywide climate adaptation and preparedness plan. The plan will lead to guidelines for incorporating climate into new development and capital projects, and is expected to be complete by the end of 2015.
CE2.4	Ensure transportation infrastructure can withstand the upper ranges of projected climate change impacts.	DDOT	DOEE, OP, DGS	2	1	1	Based on recommendations in the DDOT Climate Change Adaptation Plan, during project planning, DDOT ensures a multi-disciplinary team, which includes climate change experts, is involved in the scoping of a project. Recommendations for climate adaptation strategies to ensure that our infrastructures are less vulnerable to the effects of climate change. DDOT's Asset Management team research and implement materials that will improve the resilience of our infrastructures to extreme weather conditions.	The DDOT Climate Change Adaptation Plan includes recommendations for as well as adaptation strategies that could be considered as projects are developed at DDOT. As projects are developed, based on goals in the MoveDC, DDOT will determine which strategies and action will best be suited for implementation in order to ensure the projects are less vulnerable to the effects of extreme weather conditions and climate change. DGS is working to incorporate electric vehicles charging stations into new projects when possible.
BUILT ENVIRONMENT								
BE1	Increase urban density to accommodate future population growth within the District's existing urban area. Target: By 2032, increase the District population by a net of 250,000 residents.							
BE1.1	Increase affordable housing in the District.	EOM	OP, DCHD, DCHA, DMPED	3	3	3	Mayor Bowser allocated \$82 million from the city's Housing Production Trust Fund for the creation or preservation of more than 800 units of affordable housing. The Disposition of District Land for Affordable Housing Amendment Act (DDLAH) requires residential buildings built on land formally owned by the District to allocate 30 percent of their units to affordable housing.	Mayor Bowser has committed an additional \$100 million a year to affordable housing, on top of the 2014 \$100 million budget commitment. Further, an amendment to 10-801 now stipulates projects must meet new affordable housing thresholds: 30% affordable if near transit or 20% if not near transit. Also, OP developed the Inclusionary Zoning (IZ) requirements in the zoning code, and collaborates with DHCD to develop policy around redevelopment of existing affordable housing.
BE1.2	Expand brownfield redevelopment incentives and certification programs.	DOEE-ESA	DMPED	1	1	1	No new progress to report.	The Office of Tax and Revenue (OTR) has created a interactive model for determining the potential economic benefits of tax incentives for brownfield development. DDOE has been searching for funding to implement the next steps, which are to develop regulations to govern and procedures to implement the incentives.

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BE1.3	Reduce required parking minimums and restrict surface parking for large developments.	OP	DDOT	3	2	2	On January 14, 2016, the Zoning Commission approved a new zoning code for the District of Columbia, ZR16, which reduce parking minimums. The new code bases parking minimums on proximity to public transit and use (generally lower minimums overall, particularly for multifamily residential, retail, office, and hotel). It will be in effect on September 6, 2016.	The current version of the zoning rewrite (ZRR) includes reduced parking minimums, but has not yet passed the Zoning Commission yet. If it passes the Commission, there will be a phase-in period for new minimums to take effect. The parking minimum will restrict new surface parking lot size. Parking lots cannot be greater than 1,000 square feet.
BE1.4	Modify zoning regulations to allow accessory dwellings such as apartments over garages or in basements.	OP		3	1	3	Accessory dwelling units are now permitted in most low-density residential areas in the District.	The current version of the zoning rewrite (ZRR) includes new allowances for accessory dwelling units, but has not yet passed the Zoning Commission yet. If it passes the Commission, there will be a phase-in period for new requirements to take effect.
BE2	Develop active and vibrant neighborhoods to create new economic opportunity and support a high quality of life. Target: By 2032, provide a variety of amenities and services within a 20-minute walk of all residents.							
BE2.1	Ease permitting requirements for temporary arts, community, and business uses.	DCRA	OP, DMPED	1	1	1	Conditional and temporary certificate of occupancies are allowable under the current permitting structure.	DCRA is working to bring Conditional Certificates of Occupancy into its online tracking system. No further progress has been made on this action this year.
BE2.2	Create a government-backed revolving loan fund to support new businesses with a priority for those developed by District residents.	DSLBD	DMPED	1	1	0	DSLBD expanded the eligibility criteria for the Small Business Capital Access Fund beyond CBEs, making it accessible to more DC-based businesses who are not CBE-certified.	Existing funding pool is very limited and will be launched in late FY15. Legislation is needed to increase the funding and redefine eligibility requirements so that non-CBE small businesses can apply. Also, DMPED provides limited funding for small business grants for through its Great Streets program.
BE2.3	Convert five vacant buildings into permanent cultural or business incubation centers.	DMPED	DGS, DHCD	2	2	2	DMPED activated the Gateway Pavilion, a unique special events and cultural arts venue, in the heart of Congress Heights.	DMPED is incorporating cultural and business centers into vacant spaces. Examples of new projects include 1776, and the RISE Demonstration Center on the St. Elizabeths campus. RISE is a demonstration space providing business incubation services, flex space, meeting rooms, and tech/job training for District residents and small businesses.
BE2.4	Triple the number of Live Near Your Work grants.	OP		2	2	2	No new progress to report.	The Live Near Your Work program has benefited 20-25 recipients in pilots with local universities American University, George Washington and Gallaudet University.
BE2.5	Locate new affordable housing in walkable neighborhoods.	DHCD	DCHFA, DMPED, DCHA	3	2	1	100% of new affordable housing developments financed by DHCD are designed to be certified by by Enterprise Green Communities. DHCD formalized it's tracking of WalkScores by making it a Key Performance Indicator. In FY15, 54% of the new affordable housing units funded by DHCD were in locations with Walk Scores of 70 or greater.	100% of new affordable housing developments meet Green Communities green building criteria. The average Walk Score of new affordable housing projects financed in FY14 was 74, an increase of more than 8 points over the previous year.
BE2.6	Implement the Southwest Ecodistrict Initiative and Maryland Avenue Small Area Plan.	OP	DOEE, DMPED	2	2	1	OP's new zoning regulations (ZR-16) for the D-8 zone (which will cover the areas included in both plans) will provide flexibility and incentives for the future conversion or Federal properties to private uses or ownership. The new regulations will be implemented in September 2016.	The DDOT led Maryland Avenue SW Transportation Plan has been completed, but implementation has not yet been funded. NCPC is forging ahead on the implementation of the SW EcoDistrict and joined the EcoDistricts pilot project to develop a roadmap for 2 year implementation of the plan. The Zoning Regulations Review includes recommendations for incentivizing mixed use within the SW area.
BE3	Improve the sustainability performance of existing buildings. Target: By 2032, retrofit 100% of existing commercial and multi-family buildings to achieve net-zero energy standards.							

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BE3.1	Rehabilitate all public housing to be green, healthy, and capable of meeting net-zero energy standards.	DCHA	DHCD	2	2	1	DCHA is participating in the U.S. Department of Energy's Better Buildings Challenge to reduce its carbon footprint by 20% by 2020 and are working closely with the resident population to encourage energy conservation. For the longterm, DCHA is currently moving forward with its Energy Conservation Improvements Program Phase II (ECIP II) to install solar on all buildings where feasible and to generate renewable energy at the decommissioned Lanston Powerplant. DCHA anticipates generating enough energy to supply our other public housing sites with power. As part of ECIP II, DCHA will install ECM in order to reduce consumption and to assist with greater savings to the authority. In addition, the most recent DHCD Notice of Funding Availability (Spring 2016) offers priority scoring for net zero energy and Living Building Challenge certification. DCHA often applies for DHCD gap financing, including the Housing Production Trust Fund, for its projects.	DCHA has completed a feasibility analysis for renewable energy generation at Langston Dwellings. Sustainable DC has funded the further pre-construction design and engineering work to further the project. DDOE has hired staff from the Green Building Fund to work across DDOE/DCHA/DHCD on greening affordable housing projects.
BE3.2	Eliminate environmental health threats such as mold, lead, and carbon monoxide in at least 50% of the District's affordable housing.	DOEE-ESA, DHCD	DOH, DCHA	2	2	1	<p>During FY16, DOEE reached an agreement with DHCD about an appropriate referral process and began referring Healthy Homes clients in owner-occupied housing to DHCD for followup. Additionally, DOEE reached an agreement with the Office of the Tenant Advocate (OTA) and has since then been accepting Healthy Homes referrals from OTA, involving individuals contacting OTA with complaints about mold in rental properties. Also during FY16, MedStar Family Choice, a District Managed Care organization, joined the DC Partnership for Healthy Homes and began referring properties to DOEE for followup by its Healthy Homes program.</p> <p>DOEE's lead enforcement team began implementing a proactive compliance verification process in multifamily properties, auditing the tenant files of property owners and managers to ensure documentation exists of required lead disclosures and notifications.</p>	The enactment of the Air Quality Amendment Act of 2014 provides the basis for significantly increased action to remediate mold conditions in the District housing. DDOE is preparing to implement the District's first-ever mold assessment and remediation certification program. During FY15, the District's largest Managed Care Organization, AmeriHealth DC, joined the Partnership and has begun referring properties where Medicaid-enrolled families reside for follow-up by DDOE's Healthy Homes program.
BE3.3	Expand existing programs to train 100 District residents in the latest green construction skills.	DOES	DMPED, DSLBD; DC-SEU	1	1	1	No further progress to report.	No further progress has been made on this action this year.
BE3.4	Build public-private partnerships to expand best practices for building operations and maintenance.	DGS	DOEE	2	2	2	The Smarter DC Challenge is a tool that is being implemented to help organizations and buildings in the District reduce resource consumption including energy, water, waste and non-renewable materials through friendly competition. In 2016, DOEE also released a training video to assist District dry cleaners, specifically Korean dry cleaners, with the handling of Perchloroethylene. The training video was produced in English with Korean slides and reading materials. DOEE partnered with the Korean-American Drycleaners Association of Greater Washington and OAPIA to produce this video. Finally, DOEE also hosted two environmental compliance assistance workshops to train building engineers and contractors on energy efficiency, hazardous waste, asbestos, PACE, DCSEU programs and air regulations.	DGS took part in a public private partnership approach with BuildingIQ, Schneider Electric, and Siemens for a US Department of Energy (DOE) grant to advance new technology. Building IQ uses Predictive Energy Optimization to proactively optimize HVAC energy across buildings and offers an innovative, scalable and low-cost technology solution to drive savings in building energy consumption and peak demand. BuildingIQ is being deployed in 30 office and public buildings and is expected to reduce overall energy load by between 10 and 20 percent.

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BE3.5	Retrofit and modernize all public buildings to at least the LEED Gold standard or equivalent green building certification.	DGS	DOEE	3	3	3	A total of 16 DCPS schools have been certified LEED Gold or greater since June 2010. In the past year, Anacostia Senior HS (June 2015) was certified LEED Gold. At least five recreation centers have been certified LEED Gold or greater. Wheatly Cole Recreation Center (August 15) and Fort Stanton Recreation Center (October 15) were certified LEED Silver in the last year.	The new Ballou High School opened Jan 2015. Expansions or significant modernizations also occurred on ten other schools. Four new schools were LEED-certified this year (HD Woodson High School, Turner Elementary School, Cardozo Senior High School, and Dunbar Senior High School). Dunbar now has the highest LEED for Schools NC building in the world at 91 points. One recreation center was certified as LEED Gold in June 2014.
BE4	Ensure the highest standards of green building design for new construction. Target: By 2032, meet net-zero energy use standards with all new construction projects.							
BE4.1	Update the Green Building Act to require higher levels of LEED certification.	DOEE-USA	EOM	2	2	1	No new progress to report.	DDOE is enforcing regulations for the Green Building Code in keeping with the Green Building Act (GBA). DDOE and the Green Building Advisory Committee will examine the existing GBA for opportunities to strengthen the law. DDOE has funded research and educational events in 2014 around the Livening Building Challenge's more strict environmental standards.
BE4.2	Provide incentives for new building projects to achieve at least the LEED Gold standard certification or equivalent.	DMPED	DOEE	1	0	0	DMPED's new RFP requirements encourage developers to go beyond basic requirements and do more in terms of building efficiency, green spaces, and net zero energy. Through more efforts to bring community input into the RFP process, there has been more expressed interest in green features, including open space and stormwater management. DMPED staff ask development project staff to meet with DOEE staff to discuss options to make their projects more environmentally friendly. In addition, DMPED staff received green building training from DOEE.	The District has developed template language to use in future RFPS and is developing a process for doing a large workshop to figure out real estate realities for a site and get input from community on what they want from site.
BE4.3	Incorporate best practice sustainability principles into neighborhood planning.	OP		4	3	2	OP is integrating sustainability principles into all new plans. The Southwest Waterfront Small Area Plan, the West Virginia Avenue Public Works Campus Master Plan, and six other neighborhood plans under development by OP incorporate sustainability principles.	A toolkit of sustainability and climate related actions syncing with every areas of the Sustainable DC Plan is completed and the Office of Planning using internal toolkit in the Adams Morgan Vision, and Downtown East redevelopment studies which are under development now.
BE4.4	Adopt the latest green construction codes for all new construction and major renovations.	DCRA	DOEE, DGS, DMPED	4	4	4	Complete.	This action is complete. The 2013 D.C. Construction Codes became law on March 28, 2014.
BE4.5	Require all new buildings to be net-zero or net-positive.	DOEE-USA	EOM	2	1	1	DOEE and DCRA are in the process of updating the DC Energy Conservation Code and the DC Green Construction Code. The new codes will be more energy efficient and support deeper green buildings than the 2014 codes.	DDOE has funded research and educational events in 2014 around the Livening Building Challenge's more strict environmental standards. DDOE is also collaborating with DGS and DCPL to find locations for testing the Living Building Challenge program on a municipal building.
ENERGY								
EN1	Improve the efficiency of energy use to reduce overall consumption. Target: By 2032, cut citywide energy use by 50%.							

SECOND YEAR PLAN PROGRESS CHART

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#	ACTION TEXT	LEAD AGENCY	PARTNER AGENCIES	2016 PROGRESS	2015 PROGRESS	2014 PROGRESS	APRIL 2016	APRIL 2015
EN1.1	Require building energy audits and disclosure of energy performance.	DOEE-EA	EOM	4	3	2	This action is considered complete as building energy benchmarking and disclosure was mandated in the Clean and Affordable Energy Act of 2008 and DOEE processes for notification, compliance assistance and enforcement are institutionalized and data is publicly available for 2011-2014. In 2015, DOEE began active enforcement on the energy benchmarking regulations, issuing 345 warning notices and 56 fines for buildings that did not report 2013 data, and 486 warning notices and 191 fines to buildings that did not report 2014 data. The compliance rate for benchmarking is now at 89% and the completeness and accuracy of the reports have improved over prior years. The Department operates a benchmarking help center to provide phone and email support; in 2015, the help center fielded over 2,000 phone calls and emails. The completeness of the data was also improved by the ability of building owners to access aggregated whole building data from Pepco and Washington Gas.	Building Energy Benchmarking and Disclosure was mandated in the Clean and Affordable Energy Act of 2008. In January 2015, the District published detailed data on the 2013 energy and water performance of 736 of the District's largest privately owned buildings, covering more than 200 million square feet. All buildings over 50,000 square feet are required to report 2014 data by April 1, 2015. DDOE and Pepco joined the Better Buildings Energy Data Accelerator to enhance access by building owners to aggregate utility consumption data. The Sustainable DC Act of 2014, Title I, has further this goal by requiring that both Pepco and Washington Gas not only provide access to whole-building consumption data, but also upload it to the EPA's ENERGY STAR Portfolio Manager.
EN1.2	Establish Minimum Energy Performance Standard for buildings, phased in by building size.	DOEE-EA	EOM	1	1	1	The Building Energy Performance Standard report recommended several key actions, including further research on both implementing a Minimum Energy Performance Standard, and Revenue-Neutral Carbon Pricing as an alternative method of achieving many of the same goals. DOEE issued a grant in 2015 to investigate green financing measures and this will also be considered under the Comprehensive Energy Plan.	A Mayor's Order Task Force on Building Energy Performance Standard (BEPS) was formed in Spring 2014 to establish Minimum Energy Performance Standard for buildings, phased in by building size. The Task Force, along with a Technical Advisory Group of private-sector stakeholders and a final report was published in December 2014.
EN1.3	Replace all street and public lighting with high-efficiency fixtures.	DDOT	DGS, DCPS	2	2	2	To date, a total of 3,241 LED street lights have been installed. The conversions took place via DDOT construction projects and third party or developer projects. DDOT is also working on an initiative for a multiyear LED conversion project.	No further progress since last year, the contract for installations continues to be under protest.
EN1.4	Fund \$500 million of renewable energy and efficiency retrofits.	DOEE-EA	DC SEU	2	2	2	In FY15, the Department invested approximately \$23 million in energy efficiency and renewable energy services, yielding more than \$92 million in lifetime energy savings for residents and businesses. The Solar Advantage Plus Program installed - at no cost - 137 solar photovoltaic (PV) systems on the roofs of low-income households residing in single-family dwellings.	To date, DDOE has managed, coordinated and leveraged more than \$34 million to fund energy efficiency and renewable energy projects across the District providing more than \$122 million in lifetime energy savings to residents and businesses. In February 2015, DDOE and the DCSEU launched the Solar Advantage Plus Program (SAPP) for income eligible single family homeowners in the District.
EN1.5	Complete a Comprehensive Energy Plan by 2014.	DOEE-EA		3	3	3	In 2015, DOEE issued a grant to retain a new consulting team to help complete and communicate the Comprehensive Energy Plan (CEP) for the District. The CEP will help transform the District's energy future into one that's resilient, reliable and significantly less dependent of fossil fuels to meet our energy needs. The CEP will also provide a roadmap to help policymakers identify and implement prioritized actions and strategies to meet the District's energy goals and longer-term sustainability targets. The final draft of the CEP will be completed by 9/30/16.	A complete first draft of a Comprehensive Energy Plan (CEP) for the District is currently under internal review. Working with DDOE staff, a team of consultants analyzed historical energy consumption trends and forecasts for energy consumption in the District to develop energy goals with recommended strategies by 2032. DDOE is currently seeking consultants to refine the current draft CEP and release it for public comment by September 30, 2015.

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EN1.6	Launch a citywide educational campaign to lower citywide energy use.	DOEE-EA	DCPS, DCSEU	2	2	2	DOEE is currently administering the Schools/Community Energy Education Program for District-based elementary schools which provides energy conservation education through hands-on training, and established energy education curriculum that drives behavior modification and helps cut citywide energy use. Sustainable DC also launched a transit shelter ad campaign to encourage sustainable behavior. Ten posters were created that were displayed at transit shelters across the city.	In October 2014, DDOE launched the Green Training Program for District high schools which provides energy conservation education through hands-on training and established energy education curriculum that drives behavior modification and support creative energy saving strategies. DGS has managed the Sprint to Savings Energy Challenge for DCPS schools for the past two years to raise awareness and highlighted areas of focus for influencing behaviors in schools for energy conservation.
EN2	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.							
EN2.1	Introduce legislation to reduce fossil fuel-based power use.	DOEE-EA	DGS	1	0	0	DOEE is currently drafting legislative proposals to reduce the coal-generated power supply for DC consumption. In addition, a draft proposal is in progress to have long-term renewable power purchase for Standard Offer Service ratepayers (non-shopping customers), and DOEE is exploring a proposal to increase the share of renewable power in its renewable portfolio standard (RPS).	No further progress has been made on this action over the past year.
EN2.2	Complete a feasibility study to identify opportunities for neighborhood-scale renewable energy systems.	DOEE-EA	OP, PSC, DMPED	3	1	0	DOEE is in the process of completing a microgrid feasibility study for DC. In addition, the agency is in the process of conducting an integrated distribution planning process that will seek to maximize neighborhood-scale renewable energy systems. In addition, a microgrid is included in redevelopment plans of the former Walter Reed Army Medical Center campus.	DMPED has a RFP out for renewable energy providers for Walter Reed Army Medical Center Campus. DDOE commissioned an independent study to explore the best potential locations in the District for microgrid and district energy installations, discuss the technical issues of deployment and integration with the regional energy grid, and the regulatory and legislative challenges associated with implementation, maintenance, and operation.
EN2.3	Build 1,000 additional residential and commercial renewable energy projects.	DOEE-EA	DCSEU, Community Partners	4	2	2	The District added 800 systems (9.37 MWAC) in 2015.	587 new solar renewable energy systems were installed in the District in FY14.
EN2.4	Allow community solar and renewable energy systems through legislation.	DOEE-EA	PSC	4	4	4	Complete.	The Community Renewables Energy Act of 2013 (CREA) passed in 2013 expands the benefits of going solar to a larger population of District residents and businesses.
EN2.5	Develop a wind farm in the region to power District government and private facilities.	DGS	DOEE	4	3	3	The 46 MW, 20-year wind Power Purchase Agreement was signed by the Mayor in summer 2015. This PPA is the largest wind power deal of its kind ever entered into by an American city, and is projected to save District taxpayers \$45 million over the next 20 years.	A 20 year Power Purchase Agreement has been awarded to a contractor to run and operate a solar and wind powered energy facility and provide power to District owned facilities. The project is expected to be running by spring 2016 and provide energy for approximately 30% of District's government's power needs.
EN3	Modernize energy infrastructure for improved efficiency and reliability. Target: By 2032, reduce annual power outages to between 0 and 2 events of less than 100 minutes per year.							
EN3.1	Develop a plan for citywide rollout of smart meters and smart grid infrastructure.	DOEE-EA	DGS, PEPCO, Washington Gas	2	2	2	DOEE's Energy Administration is in the process of conducting integrated distribution planning that will seek to identify opportunities and requirements for smart grid investments to fully maximize neighborhood-scale renewable energy systems, and reduce peak demand and total energy use.	DDOE participated in several Advanced Metering Infrastructure Task Force Meetings and provided input regarding the education plan. The Task Force also plans and participates in outreach events throughout the year, such as public meetings with community groups and participation at community events.

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EN3.2	Work with utility companies to improve the reliability of energy transmission and distribution.	DOEE-EA	PEPCO, Washington Gas	2	2	2	PSC Formal Case 1130, in which Energy is a stakeholder participant, will address reliability of energy transmission and distribution. Energy is also participating in FC 1137 (Washington Gas base rate proceeding) to help address reliability and resiliency of natural gas delivery system. Also see response for EN3.1.	DDOE convened an internal microgrid task force and participated in discussions with surrounding jurisdictions on the deployment of microgrids. Specifically, DDOE had discussions with Maryland, who recently conducted and released a microgrid study. DDOE co-chairs the Built Environment and Energy Advisory Committee at the Metropolitan Washington Council of Governments, which looks at electric vehicles and local energy generation issues. DDOE participated in the Mayor's Undergrounding Task Force and continues to monitor the implementation plan and the ongoing Public Service Commission proceeding.
EN3.3	Modernize electricity infrastructure to enable expansion of local energy generation projects.	DOEE-EA	PEPCO, Washington Gas, DMPED	2	2	1	DOEE's Energy Administration is in the process of conducting an integrated distribution planning process that will seek to identify opportunities and requirements for distributed energy resources including storage, combined heat and power, and sewer heat recapture projects.	Through the creation of a virtual net metering program, individuals, companies, and institutions that do not own their own rooftops are able to purchase subscriptions in solar photovoltaic installations located elsewhere. The primary beneficiaries will be renters, homeowners with shaded roofs, and tenants of apartment and condo buildings. The DC Public Service Commission (PSC) has released their initial proposed Municipal Regulations for implementing net-energy metering, and operating CREFs.
EN3.4	Work with local educational and workforce development institutions to train District residents for work in the renewable energy and energy efficiency industry.	DOES	DMPED, DSLBD	1	1	1	DOEE, DGS, and DOES collaborated on developing a potential jobs training program based on cool roof programs in NYC and Baltimore. The program was put on hold while longterm training and funding issues are resolved.	No further progress has been made on this action over the past year.
FOOD								
FD1	Increase agricultural land uses within the District. Target: By 2032, put 20 additional acres of land under cultivation for growing food.							
FD1.1	Adopt the Sustainable Urban Agriculture Act and zoning amendments for expanded urban agriculture.	DOEE-USA	OP, EOM	4	4	1	Complete.	The Urban Farming and Food Security Act passed in 2014.
FD1.2	Streamline the process to find and use land for community agriculture projects.	OP	DGS, DPR	3	2	0	The DC Urban Farming and Food Security Act was adopted by the District Council, which will help to make sure that food production is a part of future urban development in the District. The Act establishes a 90% tax abatement for private land owners who use, lease, or allow their land to be used for urban agriculture. The Act will be amended in the Budget Support Act of 2016. Currently, District Agencies are determining how to best implement the Act.	The Office of Planning is working on creating "maker spaces." All agencies (DGS, DMPED, OP, etc.) will use the same platform for to share information about available spaces. Passed the WARD 5 Industrial Land Transformation Study to make land available for maker uses.
FD1.3	Install educational gardens at 50% of DC Public Schools.	DCPS	OSSE, DME, DOEE	3	3	3	With 103 school campuses with school garden programs, 48% of schools have garden programs. This is an increase of nearly 10% from 2011. During the 2015-16 school year, OSSE supported the establishment of 16 new school gardens. Plans for upcoming gardens include Ketcham Elementary, slated to receive an education garden and outdoor classroom through a partnership with nonprofit REAL School Gardens in Spring 2016.	There are currently 107 active school (both public, charter, and DCPS) gardens, 49% of DC schools have active school gardens. Approximately 50% of PS/PK and K-5 schools have school gardens, but these numbers are lower at the higher grade levels. SDC innovation funding has been provided to DCPS, OSSE, and DGS to create 3 new outdoor classroom and garden spaces by the 2016 school year.

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FD1.4	Develop orchards or other food-producing landscaping on 5 acres of DC's public spaces.	DGS	DDOT UFA, DCPS, DPR, OP, UDC	3	2	2	DDOT's Urban Forestry Administration continues to care for and enhance its existing orchard along Suitland Parkway. The site has proven a laboratory for trialing various fruit/nut species for productivity, hardiness, appropriateness. Moving forward, DDOT has been working with DPR's community garden program manager to encourage the use of edible trees and plants on DPR properties. The honey bee program continues to thrive with 100 beehives operating across all 8 Wards. Additionally, the Urban Agriculture Bill instructs the Mayor to identify 25 District-owned vacant lots for urban farming and the District is developing public-private partnerships with private companies such as Uptown Acres and Underground Roots to develop food-producing parcels.	DC innovation funding has been provided to DCPS, OSSE, and DGS to create 3 new outdoor classroom and garden spaces by the 2016 school year. DDOT has planted 1/2 acre in nut trees and fruit trees along Suitland parkway. DDOT is Working with Earth Conservation Corp in Ward 7 to do another 1/2 acres that will be cared for with a youth group. DDOT currently manages 9 beehives and has planned 3 more in spring 2015.
FD1.5	Develop permitting for pop-up agriculture.	DCRA	OP, DPR	1	1	1	No new progress to report.	The District plans to study this area in 2014 to better understand issues and obstacles. DCRA could assist by connecting pop-up agriculture with building and water connections. Currently to sell community garden produce, DPR would need a farmers market license, and DOH license.
FD2	Ensure universal access to secure, nutritious, and affordable food supplies. Target: By 2032, ensure 75% of DC residents live within ¼ mile of a community garden, farmers' market or healthy corner store.							
FD2.1	Expand the DC Healthy Corner Store initiative.	DOH	DCKK, KP, OP, DSLBD	3	3	1	DOH continues to partner with DC Central Kitchen to provide funding for FreggieBucks, the food benefits that accompany the outreach, education and cooking demos provided by DCKK in Wards 5, 7, and 8 at Healthy Corner Stores. In Fiscal Year 2015, DCKK conducted health and wellness activities that included 850 residents. A total of 6,415 residents were reached with this initiative. Additionally, DSLBD's Healthy Food Retail Program provided grant support to a farm, a farmers market and a corner store last year. Thanks to this program, Ward 5's Good Food Market now gets produce from DC Urban Greens, connecting two District-based business enterprises.	DLSBD implemented the Healthy Food Retail Program grant in FY14 through Q1 FY15 and is preparing to release an RFP for the FY15 grant. DOH continues to partner with DC Central Kitchen to provide outreach, education and cooking demos in Wards 5, 7, and 8 at Healthy Corner Stores. Over the past year, DCKK has conducted demonstrations at 13 community events, two cooking demonstrations per store, and 60 cooking classes. 821 DC residents benefited from cooking demos and classes as well as nutrition information and food samples made with fresh produce available in their communities through the DC Healthy Corner Store program.

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FD2.2	Introduce fresh food circulators and mobile vendors in neighborhoods with poor access to fresh foods.	DOH	DCRA	3	2	2	In 2016, Martha's Table and the Capital Area Food Bank launched Joyful Markets -- pop up markets at 10 elementary schools in Wards 5,7, and 8 with music, games and cooking demonstrations -- where families can receive up to 23 lbs of fresh produce and pantry items. This program is on track to reach more than 10,000 students this year. In addition to partnerships with farmers markets to accept SNAP, WIC and FreggieBucks, DOH initiatives include WIC Mobile Markets, home delivered meal service to homebound residents and a Fruit and Vegetable Prescription Program (FVRx) that co-locates markets with health centers to facilitate the purchase of fresh foods. Arcadia operates 8 mobile markets focused on Wards 5, 7 & 8, and the Capital Area Food Bank has a summer meal delivery program for kids across the city.	DOH's fresh carts are not currently in service. Urgent Healthy Food Access initiatives include Freggie Bucks, Produce Plus, Healthy Corner Stores, Farmers' Market Nutrition Program, home delivered meal delivery to homebound residents (through a contract with Food and Friends) and the Fruit and Vegetable Prescription Program (FVRx). The private sector such as Arcadia are providing fresh healthy food trucks in food insecure areas in spring through autumn months.
FD2.3	Expand the Produce Plus program to farmers' markets and corner stores citywide.	DOH	OP	3	2	1	DOH's Produce Plus Program continues to increase access to affordable, locally sourced produce and encourages utilization of DC farmers' markets. In FY2015 more than \$350,000 worth of benefits were distributed and redemption rates at the markets reached 90%. Last year, more than 200 DC Greens volunteers helped new shoppers navigate the markets and access Produce Plus; in 2016, DOH has partnered with DC Greens to coordinate services with public and private partners city-wide.	The Produce Plus Program helps increase access to fresh produce and encourages utilization of DC farmers' markets. DOH administers the program and coordinates services with DCOA and private partners. FY2014 more than \$150,000 worth of benefits were distributed and redemption rates at the markets reached 93% in some areas, much higher than some of the federally funded market incentive programs.
FD2.4	Incorporate best practices in healthy and local menus in all DC Public Schools.	DCPS	DME	3	2	2	DCPS has nutritional standards that go above and beyond those in the Healthy Schools Act, including offering no fried foods and no flavored milk. 30% of all food ingredients and products at DCPS locations are purchased locally, exceeding the requirement by 10%. There are currently 51 salad garden schools in DCPS.	The Healthy Schools Act Funds ambassadors; seasonal food sampling such as the Strawberries and Salad greens program; and Food Corps volunteers.
FD2.5	Increase transparency about the nutritional content of food.	DOH	EOM	0	0	0	No new progress to report.	No further progress has been made on this action over the past year.
FD2.6	Develop cooperative food purchasing systems.	OP	DOEE	1	1	0	While no significant progress has been made this year, several community groups in Wards 7 & 8 are investigating options for cooperative food purchasing. The District's new Food Policy Council will also look at options to help residents develop these co-ops in future.	The Office of Planning has completing a food purchasing systems study, which includes guidelines for how to start a system and where to go.
FD3	Develop the food industry into a strong and viable economic sector. Target: By 2032, produce or obtain 25% of food within a 100-mile radius.							
FD3.1	Complete a comprehensive study of DC food supply systems.	OP	DOH	1	1	1	No new progress to report.	Legislation passed to create a Food Policy Council. The Council will be required to submit and report of DC food supply systems to the council in November of this year. The Food Access and Security Task Force completed its report and submitted recommendations for healthy food access, urban agriculture, and the food economy.
FD3.2	Create a Local Food Hub for consolidation and distribution of local produce.	DMPED	OP, DSLBD, DCRA	1	1	1	No new progress to report, though the Food Policy Council has reviewed research studies on food hubs and is working to reach the District's entrepreneurial community about ideas in applying this locally.	OP is collaborating with American University graduate students to research food hub needs and barriers to establishing a food hub in the District. The study will be complete in summer 2015.

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FD3.3	Develop small business food processing incubator center in DC.	DSLBD	DMPED, OP, DOES	4	3	3	This action is considered complete, with 5 food processing incubator centers currently operating in the District.	They District will planning to construct and operate food processing incubator at St. Elizabeth's East campus to help DC businesses. The project is currently in the build out phase. An operator will run the kitchen and will have multiple tenants.
FD3.4	Permit incidental sales of food from community gardens.	DCRA	OP	0	0	0	No new progress to report.	No further progress has been made on this action over the past year.
FD3.5	Designate staff to actively participate in a new Food Policy Council.	OP	DOH	3	3	1	The District's first Food Policy Director was appointed, and a citywide Food Policy Council will launch in summer 2016.	The Food Policy Council Act of 2014 legislation designates a Food Policy Director to run the council. 11 other DC agencies will participate in the Council, as well as 12 community members representing different elements of the food sector.
FD3.6	Increase government and institutional procurement of local foods.	OCP	DCPS, OA, DYRS, DPR, DOC, UDC	3	2	1	OCP has established a sustainable specification for food service, developed together with DOC, DCPS, and Office of Aging. This recommends 20% of food be locally sourced and 80% of seafood be from Monetary Bay Aquarium's sustainable seafood list. 30% of DCPS's total food service costs have been spent on food grown or produced locally, and special events like Strawberries and Salad Greens Day provide an extra opportunity for DCPS cafeterias to showcase produce from local farmers and educate our students about the importance of local and sustainable food. The DCPS Farm to School coordinator matches suppliers (farms) with vendors, and the annual percentage of local food is increasing beyond contract requirements. Also in the 2015-16 school year, Food Corps members serving in schools have been working with students to get them interested in and excited about local eating.	OCP has established a sustainable specification for food service, developed together with DOC, DCPS, and Office of Aging. The spec recommends 20% of food be locally sourced and 80% of seafood from Monetary Bay Aquarium list. Since March 2014 over 40% of DCPS's total food service costs have been spent on food grown or produced locally. Special events like Strawberries and Salad Greens Day and Growing Healthy Schools Week provide an extra opportunity for DCPS cafeterias to showcase produce from local farmers and educate our students about the importance of local and sustainable food. The DCPS Farm to School coordinator matches suppliers (farms) with vendors, and the annual percentage of local food is increasing beyond contract requirements. Also in the 2015 school year there are 12 Food Corps members in schools who focus on getting kids jazzed about local eating.
NATURE								
NA1	Protect and restore wetlands, waterways, and aquatic ecosystems. Target: By 2032, increase the acreage of wetlands along the Anacostia and Potomac Rivers by 50%.							
NA1.1	Work with the National Park Service to update open space guidelines and management policies.	DOEE-NRA	DPR, NPS, DGS, DDOT	1	1	0	DOEE has been working with the National Park Service (NPS) on geese management policies for open spaces around the District. NPS has completed an Environmental Impact Statement and is working to complete a Record of Decision. Once that is completed, DOEE will coordinate with NPS on next steps.	The District is working with NPS to activate Franklin Square as a pilot project.
NA1.2	Develop an Urban Wetland Registry to facilitate restoration or creation of wetland habitat.	DOEE-NRA	DPR	2	1	0	DOEE is currently working with a consultant to create a comprehensive registry of the District's wetlands for the first time in nearly two decades. To date, 10% of field assessments have been completed by DOEE and the consultant, and the fieldwork is on track to be completed by Fall 2016.	DDOE posted a request for applications (RFA) to update the Wetland Conservation Plan and create a Wetland Registry and has since selected a proposal and is finalizing the Grant Award Notification packet to finalize the grant agreement.
NA1.3	Plant and maintain an additional 140 acres of wetlands along the Anacostia and Potomac Rivers and smaller streams.	DOEE-NRA	NPS, USACE	1	1	1	DOEE's stream restoration projects are underway at Nash Run and Pope Branch, and the agency is planning for future projects at Springhouse Run. In anticipation of the NPS geese management decision (see NA1.1), DOEE is beginning to coordinate planning efforts for large-scale wetland restoration work along the Anacostia River.	DDOE estimates that it will create a total of five acres of wetlands from its Nash Run, Springhouse Run, and Pope Branch stream restoration projects which are still in development. The agency continues to encourage the National Park Service to implement its goose management plan. DDOE has found that geese eat newly planted wetlands, greatly reducing the success of restoration projects.

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NA1.4	Require new waterfront developments and renovations to incorporate Low Impact Development strategies.	DOEE-NRA	OP	4	4	4	Complete.	New Stormwater Regulations adopted in July 2013 require various types of Low Impact Development strategies in waterfront developments and renovations. Also, the new Green Area Ratio (GAR) zoning regulations, adopted in October 2013, sets zoning standards for landscape and site design to help reduce stormwater runoff, improve air quality, and keep the city cooler. In FY14, DDOE developed the GAR Guidebook and hosted several training sessions with OZ and OP.
NA1.5	Implement a Fisheries Management Plan to restore DC's native fisheries.	DOEE-NRA		1	1	1	DOEE continues to conduct surveys and studies in accordance with its federally approved five-year work plan for fisheries management, including its American shad restoration program that releases nearly one million shad annually. A snakehead fishing tournament is held annually to reduce the number of these invasive fish that are destructive to the native ecosystem. In 2016, DOEE will partner with the Coastal Conservation Association, the Maryland Department of Natural Resources, and ProFish to conduct a blue catfish tournament -- another invasive species -- with a weigh-in location on DC waters.	DOEE continues to conduct surveys and studies in accordance with its federally approved five-year work plan. A snakehead fishing tournament is held annually to reduce the number of snakeheads (an ecologically destructive invasive species) in the District's waterways. In 2015, DDOE will explore partnership opportunities with the University of the District of Columbia to address blue catfish, another invasive fish species found in District waters.
NA2	Protect and expand tree cover and green landscapes, creating an integrated District-wide ecosystem. Target: By 2032, cover 40% of the District with a healthy tree canopy.							
NA2.1	Plant 8,600 new trees citywide per year until 2032.	DDOT UFA	DOEE, DGS, DCPS, DPR, Casey Trees	4	3	3	DDOT-UFA and partners, including Casey Trees, Washington Parks & People, and the Earth Conservation Corps, installed 14,700 new trees this year. Sustainable DC successfully wrapped up its initial DPR/DCPS planting, having installed 1900 new trees across the city over a 2 year period. Thanks to these efforts, the District has strengthened its commitment to urban tree canopy, with the Mayor's launch of Canopy3000, to plant an additional 3,000 trees annually in public spaces and on private properties citywide.	The District, along with partners like Casey Trees, planted 11,593 trees citywide. Sustainable DC funded 847 of those tree plantings.
NA2.2	Replace 75% of public lighting with fixtures that reduce light pollution.	DDOT	DPR, DGS	1	1	1	In conjunction with DDOT's street and public lighting replacement program, the agency is installing new Light-Emitting-Diodes (LED) luminaires where lights are primarily directed downward to reduce light pollution.	DDOT is installing new Light-Emitting-Diodes (LED) lights on a rotating basis as lights need to be replaced.
NA2.3	Create a connectivity map to guide development of viable habitats throughout the District.	DOEE-NRA	DOEE	4	0	0	This action is now complete, with maps created as part of the Wildlife Action Plan, detailing wildlife habitats throughout the city.	No progress on this action to date.
NA2.4	Require trees and green space on all new development sites.	OP	DOEE	4	4	4	Complete.	This action is complete. The Green Area Ratio, a new environmental zoning regulation, went into effect in October 2013. It requires a percentage of green space on all new developments requiring a Certificate of Occupancy and on major renovations.
NA2.5	Stipulate use of native plant varieties for District government plantings and landscaping.	DDOT UFA	DGS, DCPS, DOEE, DPR	3	3	2	DDOT-UFA carefully selects from a range of plants, native where appropriate, and other plants suited to the needs of the site, to sustain, enhance and protect the District's urban forest with increased plant diversity.	OCP is finalizing language for native species to be included in contracts now and contractors would have to justify why native plants could not be used. DCPS's design guidelines for outdoor classrooms stipulate native plantings for new construction and they are working to include these in Ed Specs construction guidance for schools.
NA3	Enhance access to parks and open spaces for all residents. Target: By 2032, provide parkland or natural space within a 10-minute walk of all residents.							

SECOND YEAR PLAN PROGRESS CHART

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#	ACTION TEXT	LEAD AGENCY	PARTNER AGENCIES	2016 PROGRESS	2015 PROGRESS	2014 PROGRESS	APRIL 2016	APRIL 2015
NA3.1	Prepare an open space plan to increase residential connections to green space and the rivers.	DPR	DDOT, OP, DGS	2	2	3	Although the District has not yet created a formal open space plan, the redevelopment of Barry Farm in Ward 8 will include increased access to the Anacostia River with the support of the Office of Planning and a grant from the Kresge Foundation. Additionally, DPR is in the process of establishing two new zen gardens in urban areas to provide access to landscaped, quiet places in the heart of the city.	The PlayDC Plan, completed in January 2015, calls for every resident to be within 1 mile of a green space. DPR has hired a small park specialist is working to activate 300 sites under 1 acre, most under 1/4 acre.
NA3.2	Expand the formal trail network for hiking and biking.	DDOT	DDOT, DPR	2	2	1	DDOT advanced preliminary design for the northern section of the Metropolitan Branch Trail and continues construction on the 4-mile Anacostia Riverwalk Trail Kenilworth Gardens Segment -- the missing link in an almost 70-mile trail network -- which is expected to be complete in Fall 2016. Redevelopment along the Southwest Waterfront has also expanded biking routes through the city.	DDOT began preliminary design on the North Metropolitan Branch Trail extension; started construction of Anacostia river walk to Kenilworth walking path; and finished the Metropolitan Branch Trail bridge over Rhode Island Avenue NE.
NA3.3	Renovate and improve all District playgrounds.	DPR	DCPS	3	3	3	DPR completed 11 playgrounds in FY 2015 and DCPS added both a PreK and 5-12 playground at Harris Elementary (Ward 7). As renovations continue at Ward 6's Van Ness Elementary, a 5-12 playground will be installed in Summer 2016 to complement the PreK playground completed this year.	Sixteen additional playgrounds were built or renovated since Earth Day 2014.
NA3.4	Improve transit linkages to parks and natural areas.	DDOT	DPR, WMATA	2	1	1	On June 14th, DDOT launched the National Mall Circulator Route, connecting Union Station with the city's most iconic monuments and museums. Additionally, more Capital Bikeshare stations across the city continue to offer residents and visitors more options for accessing the city's parks and trails.	DDOT is planning Circulator express bus service in spring for the National Mall area. The route is expected to start in May 2015.
NA3.5	Create small parks and green spaces in areas with inadequate open space.	DGS	DPR	1	1	1	No new progress to report.	DPR has hired a small parks specialist to work on developing plans for small parks. DDOT has developed permitting specifications for parklets. Two Business Improvement Districts a developing designs for parklet and hoping to build them in 2015. Sustainable DC has provided funding to offset initial parking fees for those BIDs.
TRANSPORTATION								
TR1	Improve connectivity and accessibility through efficient, integrated, and affordable transit systems. Target: By 2032, increase use of public transit to 50% of all commuter trips.							
TR1.1	Complete 37 miles of streetcar networks.	DDOT	WMATA	2	2	2	After completing safety testing and final modifications DDOT launched service on the 2.4 mile H Street/Benning Road line on February 27, 2016 marking the first time streetcars have run in the District since 1962. DDOT continues to advance the Environmental Assessments for the Union Station to Georgetown and Benning Road extensions.	DDOT is preparing to start service on the H Street streetcar line. Planning has advanced on the rest of the priority street car system-22 mile plan. An environmental assessment is underway now for the Georgetown to Union Station and Benning Road extension.
TR1.2	Improve transit connections to employment and activity centers from underserved areas.	DDOT		2	2	1	DDOT completed construction of a bus-only lane on Georgia Avenue NW from Florida Avenue to Barry Place, and conducted the 16th Street Transit Priority Study, which recommends a peak hour peak direction bus lane on 16th Street NW from Arkansas Ave to H Street. DDOT began implementation of the Circulator Transit Development Plan with launch of service on the National Mall route.	DDOT released the MoveDC Plan which defines high capacity corridors and is currently starting a 16th Street NW analysis. DDOT also completed 2014's 10-year circulator plan that links employment centers and focuses on gaps in WMATA service.
TR1.3	Define and secure permanent funding for transit planning and improvements.	DDOT	WMATA, OP	1	1	1	DDOT participated in the Infrastructure Financing Task Force led by the Mayor's Office of Budget and Finance, which assessed broad infrastructure needs in the District and opportunities for funding and financing.	The Move DC Plan was released in 2014, which did not directly address this action. No further progress.

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TR1.4	Design transit systems for resilience to extreme weather events.	DDOT	DOEE, WMATA	2	2	1	Working with WMATA, DDOT has developed transit services, such as the DC Circulator and DC Streetcar serves to enhance and provide redundancy to the overall transit system in the District in the event of weather related emergencies. The draft version of the District's climate adaptation plan, Climate Ready DC, contains recommendations for ensuring our transportation infrastructure is able to withstand extreme weather due to climate change.	WMATA received federal grant money to evaluate stations and infrastructure for vulnerability to flooding and other climate impacts like heat. DDOE, in developing the citywide climate adaptation plan, is working with DDOT and WMATA to identify the risks that climate change poses to the District's transportation infrastructure. The final adaptation plan will include recommendations for increasing the resilience of the transportation system, including consideration of future extreme weather, heat, and flood risks.
T2	Expand provision of safe, secure infrastructure for cyclists and pedestrians. Target: By 2032, increase biking and walking to 25% of all commuter trips.							
TR2.1	Develop a citywide, 100 mile bicycle lane network.	DDOT	OP	2	2	2	DDOT installed 4.5 miles of bike lanes in 2015, for a total of 74 miles of bike lanes in the District. 2015 installations focused on filling critical gaps in the network and linking activity centers.	DDOT built a record of 9 miles of bike lane in 2014 for a total of 69 miles of bike lanes in the District. DDOT expects to complete 7 miles in 2015.
TR2.2	Expand the Capital Bikeshare program by 200 stations.	DDOT	WMATA	3	3	3	DDOT installed 4 new bikeshare stations in the District (for a total of 214), and will install approximately 35 more stations in 2016. DDOT completed the draft Bikeshare Development Plan to outline a long-term expansion plan and 99 additional stations in the next 3 years. In 2016, Capital Bikeshare launched the Community Partners Program to provide low-income residents with \$5 memberships, helmets, and bicycle education through community service providers.	DDOT installed 10 new Capital Bikeshare stations in 2014, as many as were available from the manufacturer that they could get in that time period, as manufacturing delays have occurred.
TR2.3	Partner with community organizations to deliver bike and pedestrian safety education.	DDOT	WABA	3	2	2	The District's Vision Zero Initiative developed a number of recommendations for improving safety education and DDOT continues to partner with community organizations to deliver bike and pedestrian safety education in conjunction with programs like Capital Bikeshare's new Community Partners Program. And to launch a new initiative this year, DDOT purchased over 900 bicycles for DCPS to use in teaching all 2nd graders in DCPS schools to ride.	DDOT continues to partner with community organizations to deliver bike and pedestrian safety education. Example campaigns included The ABCs of family biking and a campaign with the Metropolitan Police Department called Bike Rules.
TR2.4	Collect data to improve understanding of cyclist and pedestrian travel patterns.	DDOT	OP	2	2	0	DDOT evaluated the effectiveness of the counter installations and purchased an additional 7 counters for installation in 2016. DDOT will also make data available publicly in 2016.	DDOT installed three permanent bike count stations and is planning to make some data public facing. The counters are located at: the Met Branch Trail north of Rhode Island Ave NE, 15th street N and Rhode Island NW; and I street between 3rd and 4th Streets NW.
TR2.5	Program crosswalks and traffic lights for improved safety and convenience of pedestrians and cyclists.	DDOT		3	3	3	In 2015, DDOT added two additional HAWK (High-Intensity Activated crossWalk beacon) signals to help pedestrians cross busy streets, and added 16 new Leading Pedestrian Intervals for a total of 155 across the District. Pedestrian clearance intervals to account for slower walking speeds were implemented at 1,100 signals citywide.	DDOT added another HAWK pedestrian safety signal in 2014, and added 65 new Leading Pedestrian intervals for crosswalks for a total of 154 LPIs.
TR3	Reduce traffic congestion to improve mobility. Target: By 2032, reduce commuter trips made by car or taxi to 25%.							
TR3.1	Implement an expanded Performance-Based Parking program.	DDOT		2	2	1	DDOT continued implementation of the Chinatown and Penn Quarter performance-based parking pilot in 2015. This included gathering baseline occupancy data, evaluating sensor technology, and converting to "pay by space" in the study area. The pilot will continue throughout 2016.	DDOT initiated a Chinatown and Penn Quarter performance-based parking pilot in 2014. The pilot will lead to adjusting parking prices quarterly; and making the first price changes in summer 2015 and continue the pilot through FY16. Data is expected to be made partially publicly available.

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TR3.2	Expand car-sharing programs to low-income residents using financial tools.	DISB	DDOT, DMPED, DPW	2	2	2	No further progress to report	DISB has worked with both Zipcar and Car2Go to increase the number of units available in low-income neighborhoods ward 5, 7, & 8 by 35% compared to FY14. Residents are able to access the financial wellness tool, Lifecents, a self-paced & web-based learning tool.
TR3.3	Encourage private businesses to offer incentives for employee travel by transit, walking, or biking.	DOEE-USA, OP	DCHR, WMATA, Community Partners	3	3	2	MoveDC and DOES have launched efforts to educate employers about the new legislation requiring DC employers -- medium and large -- to provide access to a transit benefit program.	The Sustainable DC Act of 2014 included a requirement for all businesses with 20 or more employees in the District to offer pretax transit benefits (or supply transit in other forms). DCHR has also been working to reduce traffic congestion and improve air quality by allowing District workers to defray public transportation costs through the DC Government's benefits packages. Federal law allows employers three ways to reduce the cost of commuting via public transportation (i.e., bus, vanpool, train or ferry) for employees.
TR3.4	Encourage and promote telecommuting and alternative work schedules for employees.	DDOT, DCHR	Community Partners	1	1	0	DCHR has drafted situational telework provisions to allow employees to telework on an occasional, non-routine basis and allow DC Government to incorporate telework into emergency planning. The use of telework in this capacity will allow the DC Government to continue operating through hazardous weather or any other event that would result in the closure of DC Government buildings. Upon publication, the final rules will be in effect, and DCHR will begin the process of implementing situational telework. No work has been done for non-governmental organizations at this time.	DCHR developed the Telework Module and a new time reporting code, which allow program participation and Telework hours to be more accurately monitored. DCHR established the District-wide committee of agency Telework coordinators, which enables the dissemination of program information and collection of feedback. DCHR also issued instructional guidance for Telework program participants and drafted a Telework program guide that expands guidance for District personnel.
TR3.5	Study the feasibility of a regional congestion fee for travel during peak hours.	DDOT	OP, MWCOG	2	1	1	In 2015, DDOT coordinated with Virginia's managed lanes projects on I-66 and I-395. DDOT is evaluating the potential for managed lanes in the District in the context of other regional projects, and does not have near term plans for implementation in the District.	DDOT is working on a study for a toll-managed lane in 395-14th bridge. The MoveDC Plan was released and included a recommendation to implement congestion charges in the downtown area.
TR4	Improve air quality along major transportation routes. Target: By 2032, eliminate all "unhealthy" air quality index days, including "unhealthy for sensitive groups."							
TR4.1	Strictly limit idling engines.	DOEE-ESA	MPD	1	1	1	Idling limits were expanded through new legislation covering non-road engines (primarily construction equipment) in the District. DOEE has conducted numerous inspections in response to complaints as well as regular inspections in key areas of the city with a history of violations.	DDOE has conducted numerous inspections in response to complaints from residents, as well as scheduled inspections of areas with history of high incidents of engine idling violations. Engine Idling was added to the 311 website and mobile device application tool to provide another way for residents to report engine idling violations. The program has begun developing an outreach plan to District residents and the regulated community (e.g., tour bus companies) to improve awareness of the District's engine idling law.
TR4.2	Require District government, and encourage private businesses, to purchase clean fuel, low-emission fleet vehicles.	DOEE-USA	DGS, DDOT, DPW, MPD, DCFD, OCP	2	2	1	DOEE is currently working with a consultant to study opportunities for greening District Government's fleet as well as private fleets in the District, such as package delivery companies.	All cars in fleet are required to be 22 mpg. Currently most of existing DPW fleet is hybrid or electric
TR4.3	Expand electric vehicle charging infrastructure throughout the city.	DOEE-EA	DGS	1	1	1	DOEE has identified State Energy Program (SEP) funding for the installation of at least three (3) publicly accessible Level 1 and Level 2 EV chargers beyond the urban core. Preliminary site visits and planning meetings with property owners and the distribution utility have begun, and will continue during Spring 2016.	DDOE is exploring funding opportunities to help design and install more electric vehicle charging infrastructure throughout the district. DGS is including EV car ports as part of PPA-submitted specs and it trying to identify new sites from PPA such as Ballou and St. Es, SE Tennis Center.

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TR4.4	Offer incentives to avoid driving and other emission-generating activities on predicted Code Red and Orange air quality days.	DOEE-ESA	DMPED, DDOT, WMATA	0	0	0	No further progress to report	No further progress has been made on this action over the past year.
TR4.5	Track and report mileage data from clean fuel, low-emission, and electric vehicles.	DOEE-EA	DMV, DDOT	3	3	0	DOEE continues to gather EV and hybrid registration data from the DMV on a monthly basis. This information is currently being used to help prioritize sites for the deployment of EV chargers. The Department has also commissioned a study that will be completed by experienced private sector consultants who will develop an inventory of large fleets operating in the District and recommend a comprehensive suite of strategies to help guide large fleets in the toward greater fuel efficiency and lower air emissions through the adoption of "cleaner" vehicles.	DDOE launched a State Energy Program initiative to consistently gather data to develop a robust database that tracks the number of clean fuel, low-emission and electric vehicles registered in the District of Columbia. DDOE, with DDOT and DMV review the number of alternative fuel and low-emission vehicles purchased and registered in the District each quarter to help prioritize investments in future infrastructure design for low-emission vehicle owners.
WASTE								
WS1	Reduce the volume of waste generated and disposed. Target: By 2032, send zero solid waste to landfills per year and reduce total waste generation by 15%.							
WS1.1	Develop a robust Waste Action Plan with the objective of decreasing all citywide waste streams.	DPW	DOEE, OP	1	1	0	DPW completed a study which created a roadmap for achieving the Sustainable DC Plan goal of 80% diversion of DPW collected waste from landfills. After the report was commissioned, Council passed a more aggressive goal which requires the development of a zero waste plan to achieve 80% diversion of commercial, residential, and industrial waste streams from both waste to energy and landfill and requiring adherence to the sustainable solid waste management heirarchy to achieve this goal. Building on the success of the District's first waste summit in 2015, Path to Zero Waste, the Department of Public Works, the Department of Energy & Environment, Department of Public Works, the Office of the Clean City, the Office of Planning, and the Department of General Services will host a second summit convening in May 2016 and targeting food organic waste reduction.	DPW has drafted a waste life cycle study, and is awaiting final approval to release the outcomes.
WS1.2	Introduce a Pay-As-You-Throw pricing structure for waste collection services.	DPW	DOEE	1	1	1	DPW will evaluate the feasibility of a pay as you throw system in the District as part of zero waste plan development. To this end, on Feb. 26th, DPW issued an RFI to determine the benefits of utilizing a consultant to assist with this evaluation.	The Waste Management Modernization Act of 2014, which passed in 2014, requires studying the viability of a Pay-as-You-Throw program for DC.
WS1.3	Ban Styrofoam and non-recyclable plastic containers from food and retail outlets.	DOEE-USA	DPW, EOM	4	3	1	This action is complete as the District's foam ban took effect January 1, 2016. More than 360 businesses received information on alternative products thanks to DOEE's door-to-door outreach campaign, and 4,000 businesses are foam-free.	The Sustainable DC Act of 2014, passed in July 2014 prohibiting the sale, use, or provision of polystyrene containers for food services and encourages the use of compostable or recyclable containers after January 1, 2016. This also requires food service providers to use compostable or recyclable food service products after January 1, 2017.
WS1.4	Introduce a bottle deposit law.	DOEE-USA	DPW, EOM, MWCOG	0	0	0	No progress has been made on this action over the past year.	No further progress has been made on this action over the past year.

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WS1.5	Implement Sustainable Sites Initiative (SITES) guidelines for park maintenance.	DPR	DGS, DPW	1	0	0	Although not a formal SITES plan, DPR and DGS implement several individual SITES guidelines through its design and maintenance processes, including avoiding the use of invasive species in landscape designs, utilizing environmentally friendly materials replacement and implementation of recycling techniques in parks and recreation centers. DPR and DGS are initiating discussions about complying with SITES guidelines for park maintenance and DPR will investigate including SITES guidelines in the design process for the planned Edgewood Community Center.	No further progress has been made on this action over the past year.
WS1.6	Allow nearby businesses to share containers for landfill waste, recycling, and composting.	DCRA	DPW, DOEE	0	0	0	No further progress to report	No further progress has been made on this action over the past year.
WS2	Reuse materials to capture their economic value. Target: By 2032, reuse 20% of all construction and demolition waste.							
WS2.1	Establish a District product stewardship program.	DOEE-USA	OCP	3	1	1	DOEE has written draft regulations for paint and electronic products stewardship programs, which will launch fully over the next year. Paint collection will likely begin in retail stores starting September 2, 2016, and electronic waste (computers, TVs, and peripherals) will be collected by manufacturers in early 2017.	OCP publicly released sustainable purchasing specs for product disposal, and are now optional for DC government agencies. The Sustainable Waste Modernization Act of 2014 required manufacturers to submit to DPW a electronic waste management plan and take back program by 2016, but it has not yet gone into effect.
WS2.2	Introduce construction waste management requirements.	DCRA	DPW, DGS, DOEE	3	3	3	No new progress to report.	Sustainable DC Act of 2014 legislation passed in 2014, requiring certification of a construction waste program and requires 75% of all recyclable waste to be recycled.
WS2.3	Require the use of recycled and salvaged building materials.	DCRA	DPW, DOEE	3	3	2	While there is no new progress to report, the Green Building Act and Green Construction Code have requirements for using recycled and salvaged materials.	Buildings over 50,000 square feet trigger a material recycling requirement in the building code.
WS2.4	Complete a waste life cycle study.	DPW		1	1	1	DPW completed a study which created a roadmap for achieving the Sustainable DC Plan goal of 80% diversion of DPW collected waste from landfills. After the report was commissioned, Council passed a more aggressive goal which requires the development of a zero waste plan to achieve 80% diversion of commercial, residential, and industrial waste streams from both waste to energy and landfill and requiring adherence to the sustainable solid waste management hierarchy to achieve this goal. Therefore, the zero waste plan required in the Act will serve as the waste action plan included as a goal in the Sustainable DC plan.	DPW is conducting a waste study that will propose four collection and disposal scenarios, and include a fifth scenario developed through public comment. The study is expected to be completed in 2015.
WS2.5	Reuse 50% of biosolids treated in the District.	DC Water		3	2	2	DC Water is reusing nearly 48% of biosolids treated in the District and now provides compost to 70+ community and school gardens and tree planting sites, in all 8 Wards.	DC Water's Digesters came online in September, 2014 and see currently converting over 50% of the collected biosolids to methane, soon to be used for energy generation. The remaining solids are all reused, mostly on farms in VA. In the past two years DC Water has delivered nearly 200 tons of biosolids compost to 32 community and school gardens and tree plantings in all four quadrants of DC. Another 260 tons were given away to employees and used at DC Water facilities, including in the Blue Plains vegetable garden.

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WS3	Increase the citywide recycling rate. Target: By 2032, achieve a total waste diversion rate (recycling, composting, and conversion) of 80%.							
WS3.1	Provide all households with a three-track waste collection process.	DPW	DOEE	2	2	1	DPR currently operates 28 community compost cooperatives across the city. DPW will complete a compost collection progress and feasibility study by the end of FY16 which will evaluate the feasibility of implementing a three bin system for households serviced by DPW.	DPW can't move forward on this action this until there is a location to put compost. Sustainable Solid Waste Management Amendment Act of 2014 passed in called for the creation of a zero waste working group of DPW and DDOE employees that will begin work in April 2015.
WS3.2	Establish a new organics transfer station in the District.	DPW	DOEE, OP	1	1	1	While there is no new progress to report, DPW will complete a compost collection progress and feasibility study by the end of FY16 which will evaluate the feasibility and utility of accepting either food or yard waste at DPW's existing transfer stations.	This action was initiated as a pilot project at two sites in April 2013, but it was terminated after four months because the contractor could not handle the level of contamination (plastics, metals, etc.) mixed in with the organic material collected. . The Sustainable DC team is continually looking for new ways to move this action forward, and will initiate a new composting pilot based on anaerobic or aerobic digestion in 2015.
WS3.3	Increase the size of recycling bins.	DPW	DOEE	4	4	4	Complete.	Action complete, larger recycling bins were delivered to residences throughout the District in that receive municipal trash and recycling service in 2014.
WS3.4	Increase recycling receptacles in the public realm.	DPW	DOEE, OP, BIDs	2	2	1	No new progress to report.	CM Mary Cheh provided in the budget DPW \$250,000 to install recycling receptacles for all Business Improvement Districts. Receptacles will be installed this summer .
WS3.5	Provide incentives for residential composting and recycling.	DOEE	OP	0	0	0	No new progress to report.	No further progress has been made on this action over the past year.
WATER								
WT1	Improve the quality of waterways to standards suitable for fishing and swimming. Target: By 2032, make 100% of District waterways fishable and swimmable.							
WT1.1	Field test innovative technologies to improve river water quality.	DOEE-NRA	DC Water, DDOT, DGS, NPS	3	2	1	DOEE is monitoring and studying the effectiveness of several technologies to improve water quality. Three examples include: cisterns at fire stations that use smart technology to maximize efficiency by releasing water based on real-time data for upcoming rain events; streams that were repaired and restored using a technique called "regenerative stream channel" design; and neighborhood-scale, intensive stormwater retrofits installed through the RiverSmart Washington and Alger Park projects. DOEE will continue to seek out and test new restoration techniques in the District.	DDOE has installed smart, water-harvesting cisterns that use smart technology to release water based on storm size at two Fire Stations, to maximize efficiency. Additionally, the RiverSmart Washington project green infrastructure pilot project is substantially complete. Post-construction monitoring will be conducted for the next year to test the efficacy of intensive stormwater retrofits.
WT1.2	Restrict the use of cosmetic pesticides and chemical fertilizers.	DOEE-USA	DGS, Community Partners	2	2	2	While no significant progress has been made this year, DSLBD's 21 Clean Teams --who work to ensure clean streets, sidewalks and storefronts in neighborhood business districts -- use environmentally-friendly pesticides and herbicides in their work to landscape and maintain planters and tree boxes across the city.	DDOE's annual pesticide registration database recorded a total of 5800 products registered for sale or distribution in the District of Columbia. As a caveat, not all of these registered products are actually used in the District.

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WT1.3	Restrict the use of harmful salts on roads in winter.	DOEE-USA	DDOT, DGS, Community Partners, DPW	2	1	0	DOEE created a website to educate the public on environmentally friendly ice removal practices and promoted the site on social media this winter. Trainings for 135 DPW and DDOT snow plow operators covered proper salt application, including spill prevention and response for salt and brine. DOEE is actively working with the District's Snow Team to implement policies and practices that reduce the need for deicers and minimize the impact of deicers on the environment, including improving snow storage practices, minimizing the release of salt and other harmful chemicals into the environment, piloting a project to test the performance and cost-benefits of alternatives materials and application methods for salt application, and installing devices to capture and reuse briny runoff from salt domes. The District's Snow Team uses a number of real-time applications and software that allow them to track how much salt is being applied and where, reducing the amount of repeat applications. They have been researching environmentally friendly de-icers and use Pet-Friendly de-icers on bridge sidewalks. And in neighborhood business districts, DSLBD's Clean Teams use environmentally friendly sidewalk treatment.	DPW used approximately 58,000 tons of salt and 65,000 gallons of beet brine in the 2014-2015 winter. The beet juice is an agricultural by-product used to mix with salt brine and spray on roads ahead of any possible snow fall and are experimenting with using brine on light snow events, where they may be able to treat roads with brine rather than salt which will reduce salt usage.
WT1.4	Study the feasibility of implementing nutrient and water quality trading programs.	DOEE-NRA		3	2	1	No new progress to report.	The District has studied the feasibility of nutrient trading in coordination with other jurisdictions and determined that the timing is not right for DC to enter into this approach due to the amount of trading that can be done in jurisdictions with more agricultural uses. Further, DC Water is implementing capital improvements to comply the District's obligations to reduce nutrients.
WT2	Relieve pressure on stormwater infrastructure and reduce long-term flood risk. Target: By 2032, use 75% of the landscape to capture rainwater for filtration or reuse.							
WT2.1	Install 2 million new square feet of green roofs.	DOEE-NRA	Community	3	3	2	In FY 2015, DOEE's green roof rebate program provided incentives for 30,000 square feet of green roofs, for a total of 2.6 million+ square feet citywide as of January 2016. DOEE provides incentives for installations of green roofs that exceed the stormwater retention requirements and green roofs that are not obligated to comply with the stormwater regulations. The current rebate available to properties throughout the District is \$10 per square foot of green roof installed, or \$15 per square foot in targeted areas.	To date, total green roof installations exceed 2.4 million SF. During 2014, DDOE approved 47 regulated building projects that included a green roof component, offered a special training session on green roofs, and hosted a panel from the industry on integrating design.

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WT2.2	Increase the use of green infrastructure along public rights of way.	DDOT	DOEE, DC Water	2	2	2	<p>On May 20, 2015, DC Water, the District of Columbia, EPA, and DOJ announced an agreement to modify a 2005 legal settlement to allow for large-scale green infrastructure installations and other modifications to the Clean Rivers Project impacting the Potomac River and Rock Creek. Under the modified agreement, DC Water will eliminate the previously-planned underground tunnel for Rock Creek and will instead build green infrastructure and targeted sewer separation to manage the volume of runoff produced by 1.2" of rain falling on 365 impervious acres of land that currently does not absorb stormwater. This portion of work will be completed by 2030. For the Potomac River, DC Water will build an underground tunnel capable of holding 30 million gallons of combined stormwater and sewage. The tunnel will use gravity to allow the collected combined sewage flow to DC Water's Advanced Wastewater Treatment Plant at Blue Plains and will be completed by 2030. In addition, DC Water will construct green infrastructure and targeted sewer separation to manage the volume of runoff produced by 1.2" of rain falling on 133 impervious acres of land that currently does not absorb water. The green infrastructure in this area will be in place by 2027 and sewer separation will be complete by 2023.</p> <p>An additional agreement between DC Water and the District of Columbia is aimed to help support local job creation through the implementation of Green Infrastructure (GI). The agreement, signed in 2015, will create an ambitious local jobs program that includes training and certification opportunities for District residents interested in GI construction, inspection and maintenance jobs. DC Water has established a goal to have 51% of new jobs created by the GI project filled by District residents. DC Water will also engage professional service firms and contractors based in the District to perform work associated with GI. DC Water also launched the Green Infrastructure Challenge to generate creative ideas from design and construction firms on how to make DC greener while decreasing polluted runoff from storms. The first project selected is a streetscape on the 100 block of Kennedy Street, NW that will include pervious parking areas, recessed planters topped with walking grates, new trees and landscaped curb bump-outs. The second project is located on two triangular-shaped parks on Kansas Avenue.</p>	DDOT issued final Green Streets Infrastructure Standards in March 2014 and is including green infrastructure (GI) in all road construction projects, reviewing public space permits to increase GI, and building GI retrofit projects. In FY14, GI was installed in public and private projects to capture runoff from 234,912 SF of the public right-of-way.
WT2.3	Double the number of homes participating in the RiverSmart Homes program.	DOEE-NRA		3	3	3	<p>The RiverSmart Homes program continues to meet or exceed its annual implementation targets. In FY 2015, 1,071 new RiverSmart Homes were audited across the District. Through the program, 595 rain barrels were installed, 943 shade trees were planted, 278 rain gardens and BayScaping retrofits were implemented, and 31 properties reduced areas covered with impervious surface. DOEE continues to target subwatersheds -- including Bloomingdale, Alger Park, Hickey Run, Nash Run, Oxon Run, Pope Branch, and Spring Valley -- for higher RiverSmart incentives where these activities have a larger effect on the District's waterways.</p>	The RiverSmart Homes program is meeting its annual targets for implementation with over 1,000 participants in Fiscal Year 2014. RiverSmart Homes has focused on reaching communities where there has been lower participation and/or where there are stream restoration projects underway. These campaigns offer more attractive incentives; engage local schools, community groups, and houses of worship; and challenge homeowners to install the max number of features recommended for their properties. These targeted efforts are underway in Bloomingdale, Alger Park, Oxon Run, Hickey Run, and Spring Valley neighborhoods.
WT2.4	Build 25 miles of green alleys.	DDOT	DOEE, PEPCO	1	1	1	<p>The .05 mile Q Street Green Alley was completed in early 2016, adding permeable paving and stormwater planters to reduce the volume of rainwater flowing into sewers and streams. In addition, the Green Alley Phase 3 is moving forward to completing approximately 10 green alleys throughout 2016 and 2017. The project will potentially add up to 1.5 miles of green alleys.</p>	Five green alleys were constructed in 2014 for a total length of a 1/2 mile.
WT2.5	Establish pervious surface minimums for targeted zoning districts.	OP	DOEE	4	4	4	<p>Complete</p>	Regulations requiring pervious surface minimums in targeted residential zoning districts were established in 2013 by the Office of Planning and the Zoning Commission. This action is complete.

SECOND YEAR PLAN PROGRESS CHART

Progress Key: 0 = Not started; 1 = Initiated; 2 = Moderate Progress; 3 = Significant Progress; 4 = Complete



#	ACTION TEXT	LEAD AGENCY	PARTNER AGENCIES	2016 PROGRESS	2015 PROGRESS	2014 PROGRESS	APRIL 2016	APRIL 2015
WT3	Reduce demands for potable water and increase rainwater reuse. Target: By 2032, decrease total water use by 40%.							
WT3.1	Update water-efficiency standards in District building codes.	DCRA	DOEE, DC Water	4	4	4	Complete.	The 2013 DC Construction Codes became law on March 28, 2014, requiring increased water-efficient fixtures and plumbing elements. This action is complete.
WT3.2	Revise building codes to allow the use of alternative water systems.	DCRA	DGS, DOEE, DC Water	2	2	2	No new progress to report.	No additional progress made in 2014 to allow for larger-scale gray-water reuse or black water cleaning and reuse. Next actions for 2015 will focus on engaging DOH for additional health and safety standards.
WT3.3	Expand use of neighborhood-scale water collection networks.	DOEE-NRA	OP	2	1	1	Effective July 19, 2013, projects can comply with stormwater regulations by installing cisterns to harvest stormwater that is used in place of potable water for toilet flushing, chilling tower make-up, irrigation, and other approved uses. Under the new regulations, DOEE has approved 14 projects with cisterns that provide more than 22,000 cubic feet of stormwater storage capacity. In addition, the regulations promote efficiency and flexibility for developers by allowing multiple properties to meet their regulatory obligations using shared stormwater management practices. This approach promotes master planning for stormwater management across large, multi-phase projects and adjacent developments. Since the new regulations went into effect, DOEE has provide ongoing trainings to construction experts and the design and development community on the implementation of green infrastructure from site level to neighborhood scale design. In total, DOEE has trained over 885 individuals on the basics of the stormwater regulations; generating Stormwater Retention Credits; and specific best management practices, such as green roofs, permeable pavement, and rainwater harvesting. DOEE continues to expand outreach and communication to inform professional organizations, associations, and non-profits about these training opportunities.	The Stormwater Regulations went into effect on July 19, 2013, and allow for shared stormwater management practices that can be used by multiple properties to meet their regulatory obligations by providing flexibility for developers and promotes master planning for stormwater management across large, multi-phase projects and adjacent developments. Also, the Stormwater Retention Credit (SRC) trading program provides financial incentives for neighborhood-scale stormwater retrofits.

SECOND YEAR PLAN PROGRESS CHART

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#	ACTION TEXT	LEAD AGENCY	PARTNER AGENCIES	2016 PROGRESS	2015 PROGRESS	2014 PROGRESS	APRIL 2016	APRIL 2015
WT3.4	Develop incentives for water-efficiency measures in landscaping and building design.	DOEE-NRA		1	1	1	In FY 2015, a total of 8,255,776 square feet of impervious surface was retrofitted in the District, of which 322,593 square feet was achieved through DOEE's voluntary incentive programs, including RiverSmart incentive programs. Through FY 2015, DOEE received 519 RiverSmart Rewards (Stormwater Fee Discount Program) applications and awarded 392 discounts. In February 2015, DOEE provided additional RiverSmart Rewards promotional materials through inserts in DC Water bills. FY 2015 marked the first full year that DOEE reviewed plans for compliance with the Green Area Ratio (GAR), the new zoning requirement for environmental, high-performance landscape elements. In FY 2015, DOEE hired two landscape architects to conduct GAR reviews, and staff reviewed 88 GAR submissions.	In 2014, a total of 17,226,543 SF of impervious surface was retrofitted in the District. In FY14, DDOE retrofitted 351,030 SF of impervious surface through voluntary incentive programs, including RiverSmart Homes and RiverSmart Schools. To date, DDOE has received 80 RiverSmart Rewards (Stormwater Fee Discount Program) applications and awarded 49 discounts. DDOE used additional RiverSmart Rewards promotion materials in February 2015 through inserts in DC Water bills. DDOE is also partnering with DCRA's Zoning Administrator and the Office of Planning to review plans that have a Green Area Ratio (GAR) zoning requirement.
WT3.5	Expand the use of water monitoring technologies.	DOEE-NRA	DCRA, DC Water	1	0	0	Since 2006, DC Water's High Usage Notification Application (HUNA) has been alerting customers when they have unusually high usage of water. This service has been an enormous success, most often allowing ratepayers to find out when they have a leak and fix it before wasting too much water and money. DC Water has implemented upgrades to HUNA to expand and enhance current functionality, and improve customer service even more. Recent enhancements include: (1) Customers can now set high usage notifications to multiple telephone numbers, email addresses, and text messages. This enables a customer to configure one high usage event to notify multiple family members, property managers, etc.; (2) The minimum water usage threshold has been lowered by 75%; (3) The Daily Average Consumption requirement has been lowered by 40%; (4) Customers can now set custom HUNA water usage thresholds for their accounts; and (5) Notifications are going out on weekends and holidays (24/7/365) and our 24 hour Command Center has been trained on how to help if someone calls in response to an alert.	DDOE is developing a revised water quality monitoring program that will track the health of the District's waterbodies. The program will include the monitoring from outfall discharges, water quality, and biological and physical indicators. A draft of the revised program will be available for public comment in May 2015.