

#	ACTION TEXT	TIME FRAME	LEAD AGENCY	PARTNER AGENCIES	2018 PROGRESS	2017 PROGRESS	2016 PROGRESS	2015 PROGRESS	2014 PROGRESS	APRIL 2018	APRIL 2017
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.	Short	EOM	DOEE, OP	4	4	3	3	3	DOEE continues to work collaboratively with the Office of Planning's Sustainability Planner as well as other staff to implement and track the Sustainable DC plan. The number of departments with staff helping to implement and track the Sustainable DC plan is continuing to grow.	The Office of Planning has a Sustainability Planner as well as other staff, helping to implement and track the Sustainable DC plan. The number of departments with staff helping to implement and track the Sustainable DC plan is continuing to grow.
GV1.2	Implement a process to collect, analyze, and report data to ensure progress toward goals and targets by prescribed dates.	Short	EOM	DOEE, OP	4	4	3	3	2	OP and DOEE continue to refine metrics for all the targets in the plan in order to better measure baselines and progress.	OP is assisting DOEE in helping to refine metrics for all the targets in the plan as well as began measuring baselines and progress.
GV1.3	Identify existing laws, regulations, and policies that conflict with sustainability goals and areas where new authority is required.	Short	EOM	DOEE, OP, DCRA, DOES, DPW, DC Water, DDOT, DSLBD, DGS	3	3	3	3	3	OP continues to work closely with DOEE to fully integrate Sustainable DC into the Comprehensive Plan, which is legislation approved by DC Council.	OP is fully integrating Sustainable DC into the Comprehensive Plan, which is legislation approved by DC Council. In addition, the process for obtaining a solar permit has been streamlined to 2-3 days. DOEE solar guidelines were updated in 2016.
GV1.4	Expand public/private collaboration to meet sustainability goals.	Short	EOM	DOEE, OP	3	3	2	2	1	DOEE took a leadership role in expanding public/private partnerships this past year. For example, DOEE along with Empower DC, the DC Fiscal Policy Institute, and Solar United Neighborhoods received grant funding from the Kresge Foundation and Race Forward to build a foundation of equity and community engagement for future planning on climate and renewable energy. DOEE also entered into a partnership with the country of Denmark to share information and best practices on sustainability issues related to building resiliency and adapting to climate change.	The District continues to see an increase in public/private collaboration to meet sustainability goals. Examples include partnerships with C40, the Urban Sustainability Directors Network, and 100 Resilient Cities. A Sustainable DC Innovation Challenge Project using "kinetic pavers" to generate electricity from pedestrian footsteps opened in Dupont Circle in November 2016. The project was a collaboration between District Government, the Golden Triangle BID, and Pavegen.
GV1.5	Expand sector-based sustainability pledges and challenges to promote adoption of sustainable practices.	Short	EOM	EOM, OP, Office of Religious Affairs, Office of Neighborhood Engagement, Community Partners	3	3	3	3	3	This past year, DOEE worked to reconfigure the green business program by talking with stakeholders and hosting focus groups with both past participants as well as businesses not familiar with the previous program. DOEE plans to launch a new green business program later in 2018. DOEE also continued to convene quarterly meetings with universities as part of the University Sector Pledge and provided funding for two projects: a university-specific resiliency planning training and a waste best practice study of universities.	The Office of Planning is assisting DOEE in relaunching the University Sector Pledge with commitments from DC's 8 universities towards Sustainable DC goals. In addition, in 2016, over 100 embassies signed the Diplomatic Missions and International Institutions Pledge in support of Sustainable DC. To help these institutions implement sustainability in their design, construction, operations, and communication, DOEE and the State Department partnered on a series of energy benchmarking and LEED Certification workshops. DOEE's sustainable business program successfully boasted 100 participating companies.
GV1.6	Continue annual "Budget Challenge" competition for innovative sustainability projects within District government.	Medium	EOM	All District government	4	4	4	3	4	Complete.	The Budget Challenge program ran for two years to jump-start Sustainable DC implementation. The Program is now concluded.
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.										
JE1.1	Complete a review of regulatory reform options to make it easier to do business in the District.	Short	DCRA	DSLBD, DMPED, DOEE, OP, DOES	4	4	4	4	2	Complete.	Complete.
JE1.2	Formally recognize corporations that meet independent social and environmental performance standards.	Medium	DCRA	DSLBD, DMPED, DOEE, OP	4	4	4	4	4	Complete.	Complete.

JE1.3	Use anchor institutions to create local markets for sustainable enterprises.	Medium	OCP	EOM, DOEE, OP, UDC, DMPED	2	2	2	2	1	The Good Food Purchasing Program provides a metric based, flexible framework that encourages large institutions to direct their buying power toward five core values: local economies, environmental sustainability, valued workforce, animal welfare and nutrition.	The Good Food Purchasing Program provides a metric based, flexible framework that encourages large institutions to direct their buying power toward five core values: local economies, environmental sustainability, valued workforce, animal welfare and nutrition.
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.	Short	OSSE	DCPS, DOEE, DOES, UDC	3	2	2	2	2	During summer 2017, OSSE worked with nonprofits and teachers to create high school environmental science curriculum units and environmental career profile sheets. Some of the documents have been posted online, with the hopes of the career profile sheets being made available in April 2018 for Earth Day. OSSE also regularly reviews and compiles information on garden-based curricula that can be utilized in grades pre-Kindergarten through grade 12. These tools provide teachers with the resources to support integration of school garden concepts across all subject areas as well as prepare students for sustainable jobs. DCPS is planning to introduce a green jobs CTE (Career and Technical Education) program at Washington Metropolitan High School for school year 18-19. The first year of the two-year track will include curriculum related to all aspects of green construction and maintenance, while the second year will be a deep dive into the solar and HVAC industries, equipping students with certifications and apprenticeships.	HD Woodson High School has a new National Academic Foundation (NAF) Engineering Academy. Students in the NAF were able to hear from a green roof company as well as tour a green roof. In addition, the Department of Employment Services (DOES) will be establishing a focus group to identify partners and employment opportunities for environmental initiatives such as summer garden landscaping and maintenance. OSSE also regularly reviews and compiles information on garden-based curricula that can be utilized in grades pre-Kindergarten through grade 12. These tools provide teachers with the resources to support integration of school garden concepts across all subject areas.
JE2.2	Partner with the Workforce Investment Council to develop targeted workforce development strategies.	Short	DOES	DMPED	2	1	1	1	1	The Solar Works DC is a 12-week, solar installation and job training program with the goal of installing solar systems on up to 100 low-income households. The program launched its fall cohort on September 5, 2017. Successful completers of this program receive certifications in the following areas: OSHA 10, CPR/First Aid, and NABCEP.	The Workforce Investment Council (WIC) partnered with DC United, the Department of General Services, the Department of Employment Services, and ANC 6 to ensure that District residents are eligible for first priority hiring for the job opportunities at the new DC United soccer stadium. By working with pre-apprenticeship and job readiness programs, residents will be trained as part of this WIC-DC United initiative.
HEALTH AND WELLNESS											
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.	Short	DPR	DOH	2	2	2	2	2	DPR continues to hold Funky Fitness Fridays and has organized various 5K runs and walks including the Mayor's Fresh Start 5K and a Frederick Douglass 5K in Oxon Run Park to celebrate the opening of a new trail through the park. DPR continues to provide various activities for fitness at its recreation centers and aquatic facilities. In the past year, a new outdoor pool and new fitness center were completed at Kenilworth Recreation Center and a new indoor pool was completed at a co-located facility with DCPS at Marie Reed.	Beginning in May 2016, DPR launched Funky Fitness Fridays. Held on the first Friday of each month, these free public fitness events are held at recreation centers across the District. DPR showcases various instructor led fitness activities with music and healthy food.

HW1.2	Invest in a public health campaign to promote the benefits of healthy eating and active living.	Short	DOH	DPR, DCPS, DSLBD	2	2	2	2	2	DPR has been leading up FitDC initiatives including 5K runs and walks. The agency recently gave out grants to 8 community organizations to further expand fitness events throughout the city.	FitDC continues to be both a Mayoral and DOH priority. FitDC is a comprehensive health and wellness initiative that encourages residents to live a healthier lifestyle by linking them to nutrition and physical fitness resources in their communities. In FY 2016, the campaign continued promoting fitness and health by creating safe and neighborhood friendly opportunities for physical activity in all eight wards of the city. Activities for 2017 continue with DOH and DPR taking the lead. In addition, DPR is piloting a nutrition program as part of its 2017 summer camps.
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.										
HW2.1	Develop a "Healthy by Design" program for new affordable housing projects with priority focus in low-income and underserved neighborhoods.	Medium	DCHA	DHCD, DOH, DOEE, OP	4	4	4	2	1	Complete.	DCHA is determined to maintain its efforts to provide healthy and sustainable living environments for its residents and communities throughout the District of Columbia. The Capper Square 769N multifamily development is nearing the completion of the design phase and is moving forward with the green commitment for both affordable housing and public housing units. Parkway Overlook is also currently in the design phase of the project with a major focus also being on the green commitment for affordable housing and public housing units.
HW2.2	Complete a feasibility study to understand the environmental, economic, and social barriers to healthy lifestyles that are specific to the District.	Short	DOH	OP, DPR	4	4	4	4	3	Complete.	Complete.
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.										
ED1.1	Modernize all public school buildings.	Medium	DGS	DCPS	3	3	3	3	3	Public schools are continuing to be modernized. There are currently 25 major modernization projects in various stages of design, construction, and closeout. In addition, small capital projects (outside of the modernization process) are also in progress. A total of 43 projects have been registered or certified with USGBC to date. Three LEED Platinum schools; Dunbar HS, Brookland MS, and Kramer MS.	Public schools are continuing to be modernized throughout the District.
ED1.2	Increase the quality and number of Early Childhood Development Centers.	Short	DME	OSSE, DCPS	3	3	3	3	2	In September 2017, OSSE launched My Child Care DC, an online search and comparison tool that allows families to browse comprehensive profiles for 466 licensed child development centers throughout the District. In February 2018, Mayor Bower announced a new commitment to expanding the number of infant and toddler child care seats to meet the needs of growing families in the District. This includes providing space in three District-owned buildings that will be leased to provide child care providers to provide affordable, high-quality care, and there is also a new Low Income Investment Fund that will administer grants to child care providers and provide a \$1 to \$1 match in capital loans to the District's \$9 million investment. The initiative includes providing scholarships to early childhood educators to start and finish school, free professional development, enhanced licensing regulations, and the development of Common Core Early Learning Standards.	From the 2016 Pre-K Report In FY16, DC had 156 sites that provided public pre-K programming, including 77 sites in DCPS, 57 sites in public charter schools, and 22 CBO sites participating in the Pre-K Enhancement & Expansion Program. Of the estimated 16,753 3- and 4-year-old children in DC, 12,910 were enrolled in public pre-K programs in FY16—an increase of nearly 300 children since FY15. Pre-K programs significantly improved across all measures of quality as measured by CLASS Pre-K® when compared to average scores from the previous two years.

ED1.3	Launch the implementation of the Environmental Literacy Plan (ELP) in school curriculum.	Short	DOEE-NRA	OSSE, DCPS	4	4	3	3	2	<p>Complete - DOEE's Overnight Meaningful Watershed Educational Experience has reached 60% of District schools with 40% of fifth graders served in the District in the 2017-2018 school year. To provide schools with a comprehensive list of outdoor opportunities on school grounds and throughout the District, the DC Environmental Education Consortium (DCEEC) is developing a pilot project that identifies green space within a walking distance from schools to be used as an extension of the school grounds for learning. OSSE will host an Environmental Literacy Summer Institute again in 2018 for high school teachers to develop lessons for use in all District environmental science courses. An updated DC Environmental Literacy Plan was submitted to DC Council in July 2017, which is the three-year strategic plan to guide the District's environmental literacy efforts. In September 2017, OSSE released</p>	<p>OSSE continues to work with 15 schools from the first Environmental Literacy Leadership Cadre cohort. Cadre schools created school snapshots to describe their school-based environmental literacy programs (housed on OSSE's website) and have drafted Environmental Literacy Guides for each elementary grade level, which will describe environmental literacy goals for each grade level, with corresponding science and social studies standards and activity ideas. OSSE is recruiting for the 2017-19 cohort of elementary schools. To increase the number of schools engaging in environmental field experiences, OSSE is piloting a bus transportation assistance program, which will fund environmental experiences within 35 miles of the District. In partnership with the Center for Inspired Teaching, OSSE hosted a Next Generation Science Standards and Environmental Literacy workshop for nonformal educators. OSSE will also host an Environmental Literacy Summer Institute in 2017 for high school teachers to develop lessons for use in all District environmental science courses. An updated DC Environmental Literacy Plan will be submitted to DC Council in July 2017, which will be a new, 3-year strategic plan to guide the District's environmental literacy efforts. In addition, DOEE's Overnight Meaningful Watershed Educational Experience is scheduled to reach 84 schools in the 2016-2017 school year.</p>
ED2	<p>Ensure transparency in the District's sustainability agenda including future plans and past progress.</p> <p>Target: By 2032, expose 100% of District residents to Sustainable DC events and initiatives in their neighborhood.</p>										
ED2.1	Reach community members in their daily lives with sustainability information.	Short	DOEE-USA, OP		4	4	4	3	2	<p>In 2017, over 430 Sustainable DC volunteers and 63 Ambassadors participated in community outreach and volunteer events across the District.</p>	<p>In 2016, over 175 Sustainable DC volunteers and 20 Ambassadors participated in community outreach and volunteer events across the District. In addition, DOEE partnered with the NoMa BID and the Smithsonian Anacostia Community Museum to showcase the winners of the climate photo contest in order to diversify our audience and reach beyond the sustainability community.</p>
ED2.2	Feature the actions and impacts of residential and local community leaders in public sustainability campaigns	Short	DOEE-USA		3	3	3	3	3	<p>Through monthly Sustainable DC newsletters that now reach over 7,500 residents, DOEE highlights a community champion who is advancing sustainability initiatives in the District. In addition, DOEE hosted the 9th Annual District Sustainability Awards in April 2018 and six business and organizations were provided awards for their sustainability work.</p>	<p>The 2016 8th Annual District Sustainability Awards honored seven community champions. Held at the Embassy of Finland, the first LEED Platinum certified embassy in the US, over 200 guests attended. This year, two new awards were presented: the People's Choice Award and the Powerdown DC Award. Sustainable DC continues to highlight sustainability achievements of these businesses, organizations, and individuals in dedicated "Community Champion" section in its monthly e-newsletter that reaches more than 5,000 individuals.</p>
CLIMATE AND ENVIRONMENT											
CE1	<p>Minimize the generation of greenhouse gas emissions from all sources.</p> <p>Target: By 2032, reduce greenhouse gas emissions by 50%.</p>										
CE1.1	Create online tools that allow people to view and share greenhouse gas emissions data and make more informed choices.	Short	DOEE-USA	OCTO	2	2	2	2	2	<p>Climate Ready DC data and District greenhouse gas inventories are available online. As part of Clean Energy DC, DOEE launched an interactive online tool that allows the public to get an understanding of current trends in Energy use and greenhouse gas emissions, how actions proposed in the Clean Energy DC plan will reduce both emissions and Energy use, and explore multiple pathways for achieving our Energy and Climate goals.</p>	<p>After completing Power Down DC in 2016, Sustainable DC's webpage now features an array of educational online resources, toolkits, and customizable workshops for multifamily homes and buildings. To help educate and inform energy and water consumption behaviors, the Sustainable DC webpage also features Green Operations and Maintenance training for building staff, residents in single family and multifamily homes as well as commercial buildings. Climate Ready DC data and District greenhouse gas inventories are also available online.</p>
CE1.2	Create financial tools that support climate protection programs by capturing the environmental costs of products and services.	Short	DOEE-USA	OP	2	2	1	1	0	<p>DOEE requires all employee air travel to be offset by the purchase carbon offsets to account for the environmental cost. In 2017, the Mayor introduced legislation to create a Green Bank and DOEE is conducting research to inform the first financial products that the Green Bank could offer once it is finalized.</p>	<p>Effective as of February 2017, DOEE is piloting an employee travel carbon offset program for air travel. In 2017 the Mayor announced a proposal for a Green Bank- which would make DC the first city in the US to have a Green Bank to help finance energy reduction projects.</p>
CE1.3	Report District emissions on a regular basis to track the reductions that can be attributed to specific initiatives.	Short	DOEE-USA	DGS	4	4	3	3	2	<p>Complete.</p>	<p>DOEE continues to report the city's greenhouse gas emissions to CDP on an annual basis. In 2016, DOEE published an analysis of emissions from 2006-2013, showing how various sectors have contributed to reducing emissions 24% since 2006.</p>

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.										
CE2.1	Evaluate the vulnerability of the District's energy infrastructure to the anticipated impacts of climate change.	Short	DOEE	OP	3	3	2	2	1	In November 2016, DOEE officially launched Climate Ready DC, the District's new plan to adapt to a changing climate. Since its launch, DOEE, in partnership with HSEMA, has researched the potential for microgrids to reduce the vulnerability of DC's electricity infrastructure to climate change impacts. Mayor Bowser also hired the city's first Chief Resilience Officer to lead the develop of a citywide resilience strategy.	In November 2016, DOEE officially launched Climate Ready DC, the District's new plan to adapt to a changing climate. Mayor Bowser also kicked off DC's membership in the 100 Resilient Cities network with an agenda setting workshop that helped identify DC's acute shocks and chronic threats. Additionally, OP is adding a new Resilience Element to the updated Comprehensive Plan.
CE2.2	Prepare District emergency services to respond to severe climate-related events such as extreme heat, storms, and flooding.	Medium	HSEMA	MPD, DCFD, DOEE, OP	3	3	2	2	2	HSEMA has integrated climate-related considerations from Climate Ready DC and Sustainable DC throughout the 2018 District Hazard Mitigation Plan development process. This will promote climate and disaster resilience by reducing the impact and consequences of natural and climate-related hazards on District residents, communities, businesses, commuters, and tourists. HSEMA is also overseeing projects to protect multiple critical stormwater and wastewater facilities against flooding and other climate-related events.	This year, HSEMA published the District Preparedness System Community Risk Assessment (CRA) and the 2016 Heat Emergency Plan. The CRA presents the most in-depth examination to date of the unique risks which are concerning to the District environment, people, property, infrastructure, and the economy. The CRA formally identified and analyzed several threats/hazards associated with climate change – a hurricane model was created. As a centerpiece to the DPS, the CRA will ensure that all related doctrine accounts for climate-related threats/hazards from a uniform perspective.
CE2.3	Require adaptation solutions as part of planning consent for new developments.	Medium	OP	DOEE	3	3	2	1	0	The District's new Comprehensive Plan, currently under development, will include new policies and initiatives to build resilience throughout the District. As part of the implementation of Climate Ready DC, DOEE has launched a project to develop design guidelines for resilient infrastructure and development.	The Zoning Code requires waterfront set backs of 70 feet. In addition, the new Resilience Element to the Comprehensive Plan will provide guidance as to adaptation solutions for new developments.
CE2.4	Ensure transportation infrastructure can withstand the upper ranges of projected climate change impacts.	Long	DDOT	DOEE, OP, DGS	2	2	2	1	1	Through the update of the District's Comprehensive Plan and the development of resilient infrastructure design guidelines as called for by Climate Ready DC, DC agencies are working to ensure transportation infrastructure can withstand projected increases in heat, heavy rain, and flooding. The District's stormwater management regulations, enacted in 2013, ensure the streets and other development are designed to retaining heavy rain events, limiting runoff and potential street flooding.	Through the 2016-2017 process of updating the District's Comprehensive Plan, OP is working to incorporate land use policies that aim to enhance the ability of the District's transportation infrastructure to withstand the upper ranges of projected climate change impacts.
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.	Long	EOM	OP, DHCD, DCHA, DMPED	3	3	3	3	3	Between January 2015 - March 2018 a total of 5,352 affordable units were delivered and a total of 7,431 affordable units units were started/initiated. These totals encompass DMPED, DHCD, DCHA, and DCHFA-subsidized projects, as well as Inclusionary Zoning units.	Between January 2015 - January 2017 3,140 affordable housing units were delivered, and 4,357 units got started/initiated as a collaborative effort among District government (DMPED, DCHD, DCHA).
BE1.2	Expand brownfield redevelopment incentives and certification programs.	Long	DOEE-ESA	DMPED	1	1	1	1	1	No new progress to report	DOEE released a Request for Proposal (RFP) to find a third party to establish a fee structure for a brownfield redevelopment incentive program.
BE1.3	Reduce required parking minimums and restrict surface parking for large developments.	Short	OP	DDOT	3	3	3	2	2	No new progress to report	The reduced parking minimums for areas in close proximity to public transit are now in effect as of September 2016 as part of the revised zoning regulations.
BE1.4	Modify zoning regulations to allow accessory dwellings such as apartments over garages or in basements.	Short	OP		4	4	3	1	3	Complete	As of September 2016, the modified zoning regulations allow accessory dwellings above garages and attics.
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.	Short	DCRA	OP, DMPED	1	1	1	1	1	No new progress to report	No new progress to report.
BE2.2	Create a government-backed revolving loan fund to support new businesses with a priority for those developed by District residents.	Medium	DSLBD	DMPED	2	1	1	1	0	DSLBD launched a pilot microloan program, which is part of its District Capitalized program. Allowable use of funds includes supporting businesses that are incorporating an eco-friendly/sustainable component to their business model. The pilot program runs through FY18. The addition of other access to capital programs are in development.	DSLBD will open a new loan application round in calendar year 2017 and priority will be given to "green businesses" or those that are incorporating a green component to their model.
BE2.3	Convert five vacant buildings into permanent cultural or business incubation centers.	Long	DMPED	DGS, DHCD	3	3	2	2	2	St. Elizabeths Rise and Pavilion and the Franklin School are currently being constructed as cultural/business incubation centers. Grimke School, MLK Gateway, and Crummel School are being worked to include business and/or cultural spaces as part of their development program.	With Grimke school designating 5,000 square feet of cultural use, Franklin school being converted into a language museum, MLK Gateway opening a businesses incubator, and St. Elizabeth's Rise and Pavilion, DMPED is on its way to converting 5 buildings.
BE2.4	Triple the number of Live Near Your Work grants.	Medium	OP		1	1	2	2	2	No progress to report, since the program has been terminated.	No progress to report, since the program has been terminated.
BE2.5	Locate new affordable housing in walkable neighborhoods.	Long	DHCD	DCHF, DMPED, DCHA	3	3	3	2	1	No new progress to report.	Amendment 10801 to the Housing Code, which came into effect in December 2015, states that for all District land dispositions there is a requirement of 20% affordable housing if the project is not located close to transit, and a 30% affordable requirement if the project is located close to transit. To date, all completed projects have been located close to transit and therefore have met the 30% affordable requirement.
BE2.6	Implement the Southwest Ecodistrict Initiative and Maryland Avenue Small Area Plan.	Long	OP	DOEE, DMPED	2	2	2	2	1	No new progress to report	The new zoning regulations for the D-8 zone (which covers the areas included in both plans) will provide flexibility and incentives for the future conversion of federal properties to private uses or ownership. The new regulations are now in effect.
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.										
BE3.1	Rehabilitate all public housing to be green, healthy, and capable of meeting net-zero energy standards.	Long	DCHA	DHCD	3	2	2	2	1	DCHA applied and was awarded a grant for solar implementation for several properties within the DCHA portfolio. The Highland Dwellings geothermal project has been completed and fully occupied. ECIIP 2 has been approved as modified (removal of the power plant) and project funding is underway. The resident engagement program as it relates to energy conservation is continuing and is currently in the process of formulating enhancements to further engagement of residents as DCHA becomes a greener and more sustainable community.	DCHA is continuing to explore options that are available that will support the implementation of a solar program at various DCHA properties. DCHA has initiated its carbon footprint reduction program via transitioning 204 units at Highland Dwellings from gas fired heating to a geothermal platform. DCHA is continuing to push forward in its effort to expand its commitment to renewable energy opportunities at Langston Terrace with its abandoned Power plant. It is important to note that DCHA continues to look at opportunities to insert Energy Conservation Measures (ECM's) at all of its properties in order to enhance the quality of life for its residents. The resident education program of DCHA remains an integral part of our advancement of our Energy Reduction focus by helping our residents remain vigilant in not wasting resources in all areas including, electricity, water and natural gas.
BE3.2	Eliminate environmental health threats such as mold, lead, and carbon monoxide in at least 50% of the District's affordable housing.	Medium	DOEE-ESA, DHCD	DOH, DCHA	2	2	2	2	1	Proactive measures by DOEE's Lead-Safe and Healthy Housing Division to reduce environmental health threats, such as lead, radon, and mold, included healthy homes visits, permitting for lead abatement work, accreditation of lead training providers, certification and monitoring of lead professionals and companies, licensing and monitoring of mold professionals, and creation of a new program to install water filters at child development centers. In FY 2017, DOEE provided presentations and webinars on District laws and regulations that reached more than 500 property owners/managers; community activities during June's Healthy Homes Month and October's National Lead Poisoning Prevention Week; and grant funding to the Central American Resource Center and Latino Economic Development Center for outreach to Latino residents in Wards 1, 4, and 5. DOEE also revamped the DC Lead Disclosure Form with public input via the District's first Form-A-Palooza. To improve coordination and collaboration around housing-related hazards, DOEE hosted a daylong working conference with multi-sector stakeholders on November 16, and partnered with more than a dozen District housing, health, and education agencies to launch the Interagency Working Group on Healthy Housing.	Mold regulations are in effect, and in fall 2016 DOEE licensed over 80 assessors for mold remediation through its certification program.

BE3.3	Expand existing programs to train 100 District residents in the latest green construction skills.	Medium	DOES	DMPED, DSLBD; DC-SEU	2	1	1	1	1	The Solar Works DC is a 12-week, solar installation and job training program with the goal of installing solar systems on up to 100 low-income households. The program launched its fall cohort on September 5, 2017. Successful completers of this program receive certifications in the following areas: OSHA 10, CPR/First Aid, and NABCEP. To date the program has completed 2 cohorts and graduated 39 trainees; 14 of those graduates now working in the solar industry. The grantee maintains contact with the trainees six-months post-program to continue to connect them to employers and job opportunities.	DOEE's Green Zone Environment Program provided over 300 youth and young adults with an opportunity to learn about energy and environmental issues, complete community-based environmental work projects such as ran gardens and storm drain markers, and prepare for careers.
BE3.4	Build public-private partnerships to expand best practices for building operations and maintenance.	Long	DGS	DOEE	2	2	2	2	2	In collaboration with the DC SEU, the Department of General Services has partnered with UDC-CAUSES to provide innovative training and workforce development to District residents and businesses in the area of building science, energy management and sustainability. Two Building Operator Certification (BOC) courses (72 hours) were offered to more than 40 District residents and professionals. In spring 2017, UDC offered its first BOC certification course through this new program to District-staff, DC SEU workforce development candidates and private sector participants. In fall 2017, the DCSEU hosted the second training. Additional trainings were offered in 2017 and more are scheduled for 2018 at both locations.	The Department of General Services has partnered with UDC-CAUSES to provide an innovative training and workforce force development to District residents and businesses in the area of building science, energy management and sustainability. In 2017, UDC offered its first certification course through this new program to District-staff, DC SEU workforce development candidates and private sector participants.
BE3.5	Retrofit and modernize all public buildings to at least the LEED Gold standard or equivalent green building certification.	Long	DGS	DOEE	3	3	3	3	3	Brookland MS (August) and Kramer MS (Sept) was certified LEED Platinum in 2017. Sherpherd ES (June), Horace Mann ES (August), Arthur Capper Community Center (March), La Casa (January), RISE Demonstration Center at Gateway (October), and DC DMV Adjudication Center (June) were certified LEED Gold in 2017. HBX Call Center (May), Southeast Tennis and Learning Center (January), and Peabody Early Childhood Center (November) was certified LEED Silver in 2017.	Stuart-Hobson Middle School and an addition to Hearst Elementary School were both certified as LEED Gold in 2016.
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.	Medium	DOEE-USA	EOM	2	2	2	2	1	No new progress to report.	No new progress to report.
BE4.2	Provide incentives for new building projects to achieve at least the LEED Gold standard certification or equivalent.	Medium	DMPED	DOEE	2	2	1	0	0	DMPED is currently monitoring the "Our RFP" certification requirements set by the Green Building Act 2006 for the Eastern Branch Boys and Girls Club renovation.	DMPED's "Our RFP" has incorporated sustainability principles, including how to exceed green building requirements, into the review process.
BE4.3	Incorporate best practice sustainability principles into neighborhood planning.	Short	OP		4	4	4	3	2	The Buzzard Point Vision Framework and Design Guidelines was released, a blueprint for neighborhood development that focuses on sustainable and resilient design including for the waterfront.	OP is currently updating the Comprehensive Plan to incorporate best practice sustainability principles. This document will set the stage for future neighborhood Small Area Plans. The Poplar Point Small Area Plan will be a model of sustainability.
BE4.4	Adopt the latest green construction codes for all new construction and major renovations.	Short	DCRA	DOEE, DGS, DMPED	4	4	4	4	4	The next round of the DC Green Construction Code and DC Energy Conservation Code were worked on throughout 2016 and 2017. The first round of proposed rulemaking was approved by the Construction Codes Coordinating Board and is currently under legal review by OAG. We anticipate they will be out for public comment in the spring of 2018.	The next round of the DC Green Construction Code and DC Energy Conservation Code were worked on in 2016 and will be completed in 2017. The draft version of the new DC Energy Conservation Code represents a substantial increase in energy efficiency requirements for the District. The District remains one of the few jurisdictions to have adopted the International Green Construction Code as a mandatory code.

BE4.5	Require all new buildings to be net-zero or net-positive.	Long	DOEE-USA	EOM	2	2	2	1	1	All sections of the DC Building Code have been completed and approved by the Construction Code Coordinating Board (CCCB) and will be published for public comment later this year. This includes updated requirements in the DC Energy Conservation Code, making it approximately 15% more efficient than the current code, and an optional Net-Zero pathway. In addition, the District is proud to see the first net-zero energy commercial project, the American Geophysical Union building, opening in late Spring 2018.	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. The current draft of the DC Energy Conservation Code includes an optional pathway called "Appendix Z: Net Zero Energy Code." Though it is not yet required, the Appendix Z pathway will set the stage for a future mandatory requirement. In addition, both DMPED and DHCD have language in their RFPs that incentivizes net zero energy and Living Building Challenge projects. There are a couple of large projects in the District currently pursuing net zero energy, which will be models for future development. Finally, the draft Clean Energy DC Plan calls for net zero energy code requirements for single-family homes by 2020 and all other new construction by 2026.
ENERGY											
EN1	Improve the efficiency of energy use to reduce overall consumption. Target: By 2032, cut citywide energy use by 50%.										
EN1.1	Require building energy audits and disclosure of energy performance.	Long	DOEE-EA	EOM	4	4	4	3	2	Complete	Complete
EN1.2	Establish Minimum Energy Performance Standard for buildings, phased in by building size.	Long	DOEE-EA	EOM	2	2	1	1	1	The final Clean Energy DC plan recommends a Building Energy Performance Standard as action EB.5. DOEE is receiving Technical Assistance from C40 Cities and Lawrence Berkeley National Laboratory (LBNL) to complete an analysis that assesses the energy reduction and cost impact of a BEPs policy. The project is slated to complete by April 2018, at which point DOEE will have the information needed to move forward with drafting a full policy and legislative proposal.	The Comprehensive Energy Plan (Clean Energy DC) recommends a Minimum Energy Performance Standard as one of the most important actions the District can take for the existing buildings sector (Clean Energy DC Action EB.6). The recommendations in Clean Energy DC build significantly on the BEPS report published in 2014. In addition, the consultant team that produced the Clean Energy DC plan has also produced supplemental research for DOEE on how to implement a BEPS, which can be incorporated into Clean Energy DC Plan when it is finalized.
EN1.3	Replace all street and public lighting with high-efficiency fixtures.	Short	DDOT	DGS, DCPS	3	3	2	2	2	Awaiting agency response.	To date, 4,269 LED street lights have been installed. The conversions took place through streetlight upgrades; lights were change from more inefficient incandescent and high-pressure sodium lights to LEDs (the savings per fixture can be 50% or more). A citywide LED Conversion Project is currently in the procurement phase; a construction timeline is not yet available.
EN1.4	Fund \$500 million of renewable energy and efficiency retrofits.	Medium	DOEE-EA	DC SEU	2	2	2	2	2	The Solar for All program was established in early FY 2017 and is funded by the Renewable Energy Development Fund. As of February 2018, over \$4 million had been spent on, and over \$23 million had been committed to, Solar for All projects that are increasing the amount of solar generated within the District and providing the benefits of solar power to low-income households.	In FY16, DOEE invested approximately \$24 million in energy efficiency and renewable energy services. The Affordable Solar Program installed 158 solar photovoltaic (PV) systems on the roofs of low-income households residing in single-family dwellings, and the small business solar pilot installed 13 projects on the roofs of small businesses in Wards 7 & 8.
EN1.5	Complete a Comprehensive Energy Plan by 2014.	Short	DOEE-EA		3	3	3	3	3	DOEE has received the final draft of the Comprehensive Energy Plan, named "Clean Energy DC," and it is currently being reviewed by the Executive Office of the Mayor. The final plan has added modeling and new actions for electrification of public bus transit and revised the modeling and actions for the building sector, and adds a new chapter and new actions on equity. The final plan actions are projected to reduce citywide greenhouse gas emissions by 57% by 2032 relative to 2006. The Clean Energy DC plan has also been used to inform the updates to Sustainable DC 2.0.	DOEE has completed and published a draft of the Comprehensive Energy Plan— "Clean Energy DC" (See http://doee.dc.gov/cleanenergydc/). The Clean Energy DC Plan lays out 55 interconnected actions for the buildings, energy supply, and transportation sectors, which will help the District's energy system be more resilient and reliable, and have dramatically lower carbon emissions and other negative environmental impacts. The set of actions proposed in Clean Energy DC are projected to reduce citywide greenhouse gas emissions by 51% by 2032, relative to 2006, thus meeting the Sustainable DC Plan's climate target. The plan was peer reviewed by many stakeholders prior to being published as draft. In FY2017, DOEE will conduct extensive public engagement on the plan, and publish a revised, final plan in early 2018.

EN1.6	Launch a citywide educational campaign to lower citywide energy use.	Short	DOEE-EA	DCPS, DCSEU	2	2	2	2	2	In 2017, DOEE ran a citywide outreach and educational campaign for Clean Energy DC, aimed at understanding how people think about energy and soliciting feedback on the plan. DOEE held over 20 events in all eight wards, holding conversations with over 300 people. The plan, and the findings from this outreach, will inform educational and behavioral campaigns to reduce energy use in future years.	DOEE is using the Clean Energy DC plan (The Comprehensive Energy Plan) to conduct a comprehensive, community-based outreach campaign, both to educate and to get public and expert input. In 2016 DOEE conducted a peer review that engaged 80 people representing 39 distinct organizations. In 2017, DOEE will conduct a larger public engagement on the Clean Energy DC plan, holding engagement sessions in all eight wards, presenting to many different organizations, and producing accessible educational materials such as online videos. This engagement will result in District residents being more informed about energy issues and what they can do to help save energy. Additionally, DOEE and the DC Sustainable Energy Utility (DCSEU) have continued to conduct education on energy conservation to students in DC Public Schools and communities citywide.
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.	Long	DOEE-EA	DGS	3	3	1	0	0	In addition to the RPS Expansion Amendment Act, DOEE is studying how to procure the Standard Offer Service with more renewable energy. The study is expected to be finished by the end of FY18, and it is concurrently studying whether it can impose a greenhouse gas performance standard for all power purchase contracts.	DC Council passed legislation amending the renewable portfolio standard (RPS), extending the total RPS requirement for renewable power to 50%, and the solar carve-out requirement to 5%, both by 2032. The bill also extended incentives (minimum solar alternative compliance payments) to 2032, providing additional certainty to the solar market. DOEE continues to explore options for a long-term renewable power purchase for Standard Offer Service ratepayers.
EN2.2	Complete a feasibility study to identify opportunities for neighborhood-scale renewable energy systems.	Short	DOEE-EA	OP, PSC, DMPEd	4	4	3	1	0	DOEE has developed a feasibility study to use local, distributed energy resources to meet the growing energy demand in Mt. Vernon. DOEE will continue the analysis to other growing neighborhoods. DOEE has applied for federal grants to map and evaluate the potential for distributed energy resources, and a separate grant to study the feasibility of microgrids for critical infrastructure	The microgrid feasibility study has been completed. DOEE has also continued to take actions to achieve an integrated planning process, imploring the PSC to provide relevant data that will maximize the value of neighborhood-scale renewable energy systems. Finally, DOEE is taking the results of the above microgrid work to provide direct technical assistance to ratepayers through a Microgrid Extension Service. In addition, the Buzzard Point Framework Plan calls for a neighborhood-scale renewable energy system.
EN2.3	Build 1,000 additional residential and commercial renewable energy projects.	Medium	DOEE-EA	DCSEU, Community Partners	4	4	4	2	2	The District added over 685 systems (15.2 MW AC) in 2017.	The District added over 750 systems (13.8 MWAC) in 2016.
EN2.4	Allow community solar and renewable energy systems through legislation.	Short	DOEE-EA	PSC	4	4	4	4	4	Complete. The first community solar facilities built under CREA were completed with support from a DOEE grant in Q4 of CY 2016. In Q2 of FY17, DOEE announced \$13M in funding under Solar for All for eligible entities to install additional solar capacity throughout DC and provide benefits to low-income residents. A total of nine (9) grants were awarded in Q3 FY2017 to install approximately 7 megawatts of new solar capacity on multifamily homes, commercial buildings, non-residential surface spaces, low-income single-family homes, small businesses, and owner-occupied nonprofits. Four (4) of the grants will support the development of community solar facilities. Additionally, DOEE is working with its sister-agencies to deploy solar on District and instrumentality-owned properties to serve low- and moderate-income households eligible for the Solar for All program.	Complete.
EN2.5	Develop a wind farm in the region to power District government and private facilities.	Long	DGS	DOEE	4	4	4	3	3	Complete	Since the wind power purchase agreement (PPA) was executed, 136,530 MWH of clean electricity has been generated, saving \$819,000 and avoiding 95,950 metric tons of GHG emissions.
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.	Medium	DOEE-EA	DGS, PEPCO, Washington Gas	2	2	2	2	2	DOEE has been leading the effort to unlock the use of smart meter data, to help deploy local, clean energy resources. It is also developing an engineering solution to increase the hosting capacity of a feeder through the use of battery storage and advanced inverters.	DOEE's Energy Administration has identified a number of opportunities and requirements for smart grid investments, including proposing specific demand-management and renewable energy integration programs, roadmaps and action items. Further coordination with PSC Staff is needed to ensure DOEE has sufficient regulatory guidance and system information to accomplish legislative and executive mandates.
EN3.2	Work with utility companies to improve the reliability of energy transmission and distribution.	Medium	DOEE-EA	PEPCO, Washington Gas	2	2	2	2	2	DOEE has intervened on relevant PSC cases to ensure that Pepco uses a sound method of planning for utility infrastructure for resiliency and reliability in Formal Cases 1130 and 1144.	DOEE will continue to actively participate in FC 1130, and will prepare comments that encourage substantive action that protects ratepayers while achieving legislative and executive mandates.

EN3.3	Modernize electricity infrastructure to enable expansion of local energy generation projects.	Medium	DOEE-EA	PEPCO, Washington Gas, DMPED	2	2	2	2	1	DOEE has been leading the effort to advise on a utility infrastructure planning process that will prioritize local, clean energy resources and enhance resiliency. DOEE has also applied for federal grants to study the grid impacts of electrification and thermal decarbonization, and it is continuing to look for opportunities to develop cost-effective microgrids.	DOEE has conducted initial planning and modeling exercises in parallel with the ongoing FC1130. DOEE will continue to evaluate the effectiveness of the current distribution system planning process and initiate discussions with the electric utility company to incorporate key District initiatives, such as the solar RPS carve out and Clean Energy DC, into its Annual Consolidated Report.
EN3.4	Work with local educational and workforce development institutions to train District residents for work in the renewable energy and energy efficiency industry.	Short	DOES	DMPED, DSLBD	3	2	1	1	1	DOES partner, DOEE, is responsible for implementing the first year of the Solar Works program, preparing participating District residents to enter careers in solar and related industries while reducing energy costs for qualified low-income District homeowners. Along with the solar training, the participants have participated in various soft skills workshops that include: financial literacy, resume building, interview preparation, and mock interviews. In collaboration with the DC SEU, the Department of General Services has partnered with UDC-CAUSES to provide innovative training and workforce force development to District residents and businesses in the area of building science, energy management and sustainability. Two Building Operator Certification (BOC) courses (72 hours) were offered to more than 40 District residents and professionals. In spring 2017, UDC offered its first BOC certification course through this new program to District-staff, DC SEU workforce development candidates and private sector participants. In fall 2017, the DCSEU hosted the second training. Additional trainings were offered in 2017 and more are scheduled for 2018 at both locations.	The Green Zone Environmental Program (GZEP) partners with DOES and the Marion Barry Summer Youth Employment Program (MBSYEP) to provide over 300 youth and young adults with an opportunity to learn about energy and environment issues and complete community-based environmental work projects. In 2016, GZEP launched Solar Plus, a solar job training and installation program to create a pipeline to green jobs for young adults in the District.
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.	Short	DOEE-USA	OP, EOM	4	4	4	4	1	Complete.	Complete.
FD1.2	Streamline the process to find and use land for community agriculture projects.	Long	OP	DGS, DPR	3	3	3	2	0	DGS is undergoing the steps necessary to implement the Urban Agriculture Program in both 2018 and 2019. The Urban Agriculture inter-agency workgroup produced the Urban Agriculture RFP and its associated application in late 2017. The Urban Agriculture RFP is anticipated to be released in Spring of 2018. The RFP will address making public lands available for urban farming while the private sector side of the program and its associated tax abatement will be implemented in 2019.	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 was amended in the Urban Farming and Food Security Amendment Act of 2015 which was approved in 2016. DGS has been given a funding and a new staff person to implement the act and is collaborating with the DC Food Policy Council to implement the program.
FD1.3	Install educational gardens at 50% of DC Public Schools.	Medium	DCPS	OSSE, DME, DOEE	4	4	3	3	3	There were 128 campuses (including District of Columbia Public Schools, public charter schools, and private schools) with active school gardens during the 2016-2017 school year, with 21 campuses establishing new school gardens and 20 campuses no longer having active school garden program. DCPS had 53 schools with garden programs and public charter schools had 67 schools with garden programs. The total number of campuses with active school gardens during the 2016-2017 school year was the highest number since OSSE began tracking this data in school year 2011-2012.	DCPS added a new partner, Real School Gardens, an organization which creates learning gardens to help students succeed. The partnership will result in outdoor classrooms and gardens for elementary schools and three years of follow-up training with the schools to teach the teachers how to use the space. DCPS also installed three outdoor classrooms with gardens since April 2016. Most funding comes from donors. Other DCPS partners include Foodprints, DC Greens, City Blossoms, and Washington Youth Gardens. 127 school campuses (including District of Columbia Public Schools, public charter schools, and private schools) had active school gardens during SY2015-16, this is an increase of 54% since SY2011-12. There were 37 new garden programs (most since SY2011-12). During SY2015-16, 58% of DCPS schools and 45% of public charter schools had active school gardens programs.

FD1.4	Develop orchards or other food-producing landscaping on 5 acres of DC's public spaces.	Long	DGS	DDOT UFA, DCPS, DPR, OP, UDC	3	3	3	2	2	The DC Council adopted the Urban Farming and Food Security Act of 2015 and 2016 Amendment Act, which provides a framework for urban agriculture and farming in the city. The Food Policy Council (FPC) worked with DGS to review and identify parcels of land for the legislation, develop the scope of the RFP to make that land available and solicited feedback from local farmers. The RFP is expected to be released in summer 2018. The FPC identified barriers for urban farmers and compiled a list of available resources from USDA. DDOT's Urban Forestry team also continues to expand its urban agriculture efforts, including urban orchards, beekeeping, and urban wood reuse. Furthermore, work is underway planning the implementation of 1-3 forest garden plots on public land. These sites will emphasize edible landscapes within the context of existing forests, and promises to provide new and exciting opportunities for the public to engage with public forests within the city.	The DC Council adopted the Urban Agriculture Bill, which provides a framework for urban agriculture in the city. The Food Policy Council (FPC) is currently identifying barriers for urban farmers and is compiling a list of available resources from USDA. Further, the FPC is analyzing potential orchard locations throughout the city. DDOT's Urban Forestry team also continues to expand its urban agriculture efforts, including urban orchards, beekeeping, and urban wood reuse. Furthermore, work is underway planning the implementation of 1-3 forest garden plots on public land. These sites will emphasize edible landscapes within the context of existing forests, and promises to provide new and exciting opportunities for the public to engage with public forests within the city.
FD1.5	Develop permitting for pop-up agriculture.	Short	DCRA	OP, DPR	1	1	1	1	1	No new progress to report.	Residents must obtain a permit from the Department of Parks and Recreation (DPR) to develop agriculture on DPR property. If food is grown at a DPR site, residents and non-profits can obtain a permit from DPR to sell the food. A license from the Department of Health (DOH) is required if selling food to the public. There are about 300 triangle parks in the city; the District is evaluating the feasibility of pop-up agriculture on these sites.
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.	Medium	DOH	DCCK, KP, OP, DSLBD	3	3	3	3	1	The DC Health partnership with DCCK continues in FY 2018. DCCK continues to provide corner stores with technical assistance leading to increased access to fresh and minimally processed healthful foods. DCCK was awarded \$225,000 to assist corner stores build capacity and improve neighborhood healthful food access.	The DOH partnership with DCCK continues in FY 2017 with the awarding of the Healthy Corners Stores Partnership project. DCCK will continue providing small corner stores with technical assistance in providing fresh and minimally processed healthful foods. DCCK was awarded \$225,000 to assist corner stores build capacity and improve neighborhood healthful food access.
FD2.2	Introduce fresh food circulators and mobile vendors in neighborhoods with poor access to fresh foods.	Medium	DOH	DCRA	3	3	3	2	2	In 2018, Martha's Table and the Capital Area Food Bank continue the Joyful Food Markets initiative using approximately \$1.3 million to provide 23 lbs. of fresh produce and pantry items to elementary school students in Wards 7, and 8. In 2016 JFMs distributed more than 1/2 million pounds of healthful food operating in 29 schools. That number expanded to 39 in 2017. This initiative is on track to meet its goal of being in 49 schools by the end of the 2018 school year.	In 2017, Martha's Table and the Capital Area Food Bank continue the Joyful Markets initiative using \$1,017,000 to provide 23 lbs. of fresh produce and pantry items to elementary school students in Wards 7, and 8. In 2016 JFMs distributed more than 1/2 million pounds of healthful food operating in 29 schools. That number will expand to 39 in 2017. This initiative is on track to meet its goal of being in 49 schools by the end of the 2018 school year. Additional partnerships include a new pilot with Arcadia Mobile Markets. Arcadia will receive \$45,000 in 2017 to increase the number of mobile sites in low access areas.
FD2.3	Expand the Produce Plus program to farmers' markets and corner stores citywide.	Medium	DOH	OP	4	4	3	2	1	FY 2018 funding for Produce Plus reached to \$1.2 million. The program grantee, DC Greens and its partners project reaching more than 9,000 eligible residents and impacting more than 16,000 people over the course of the season.	Funding for Produce Plus significantly increased in FY2017 from \$450,000 to \$1.2 million. The result is increased coordination between DCDOH, the DC Farmers' Market Collaborative and the program grantee, DC Greens. More than 7,000 residents received benefits between June and September last year and that number looks to rise significantly this year.

FD2.4	Incorporate best practices in healthy and local menus in all DC Public Schools.	Medium	DCPS	DME	3	3	3	2	2	<p>The updated food services contract awarded to Sodexo beginning in the 16-17 school year remains in place. Per the food services contract, 30% of all food ingredients and products served or used at DCPS locations are purchased locally. Also per the contract, packaging must be either recyclable or compostable. All trays must be compostable. No expanded polystyrene is permitted. Utensils are displayed separately, not in kits. Straws are not provided to students. Fresh cold filtered water is provided to all students in every cafeteria; many schools have bottle fillers in the hallways. DCPS has a School Food Advisory Board comprised of parents, students, administrators, and community members. Vendors are required to administer a Student Satisfaction Survey quarterly. DCPS administers a satisfaction survey to school administrators. Vendors must submit an annual Satisfaction Plan for approval. The plan must include innovative methods to increase participation in food services, variety of options, and palatability.</p>	<p>An updated food services contract was awarded to Sodexo beginning in the 16-17 school year. Per the food services contract, 30% of all food ingredients and products served or used at DCPS locations are purchased locally. Also per the contract, packaging must be either recyclable or compostable. All trays must be compostable. No expanded polystyrene is permitted. Utensils are displayed separately, not in kits. Straws are not provided to students. Fresh cold filtered water is provided to all students in every cafeteria; many schools have bottle fillers in the hallways. DCPS has a School Food Advisory Board comprised of parents, students, administrators, and community members. Vendors are required to administer a Student Satisfaction Survey quarterly. DCPS administers a satisfaction survey to school administrators. Vendors must submit an annual Satisfaction Plan for approval. The plan must include innovative methods to increase participation in food services, variety of options, and palatability.</p>
FD2.5	Increase transparency about the nutritional content of food.	Long	DOH	EOM	1	1	0	0	0	<p>The Food Policy Council's "Food Equity Access Health and Education Working Group" is reviewed nutrition education programs in the city to gain a better understanding of what information is already being shared and how much of the population is being captured through education. The FPC partnered with the Bainum Family Foundation on the development of an online web mapping tool called the Food Learning Locator that shares available education resources in the DMV area. The FPC will create a new working group specific to nutrition and food system education in spring 2018. GW students completed price check study of the cost differentials in the price of healthy food across the city through the School of Public Health.</p>	<p>The Food Policy Council's "Food Equity Access Health and Education Working Group" is reviewing nutrition education programs in city to gain a better understanding of what information is already being shared and how much of the population is being captured through education. In addition, GW students are doing a price check of the cost differentials in the price of healthy food across the city.</p>
FD2.6	Develop cooperative food purchasing systems.	Medium	OP	DOEE	2	2	1	1	0	<p>The Food Policy Director developed some resources on best practices in technical and technological based support for cooperative food businesses. DSLBD has been holding series of roundtables and conducting an assessment of all cooperatives in the city to look at barriers/needs in order to develop a strategy to better support cooperative businesses. The FY18 budget included grant funding for food cooperative organizations east of the river for DSLBD to administer an equitable food business incubator (\$250,000), and cooperative food businesses (\$300,000).</p>	<p>The Food Policy Director is hoping to provide technical and technological based support for cooperative food businesses. DSLBD has been holding series of roundtables and conducting an assessment of all cooperatives in the city to look at barriers/needs in order to develop a strategy to better support cooperative businesses.</p>
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.	Short	OP	DOH	3	2	1	1	1	<p>The Food Policy Council is finalizing two-page overview documents for each of the 8 wards as part of the Food System Assessment. These include details on the food retail environment (grocery stores, low food access areas, etc.) and community food assets (farmers' markets, community gardens, etc.) in each ward, as well as summary statistics (median income, obesity rate, etc.). A four-page citywide overview is also in progress, and a full report (including a needs assessment and series of recommendations) is planned for the end of 2018. The Food Economy Study is underway, and completion of this study is anticipated for late June 2018.</p>	<p>A draft version of a Food System Assessment will be sent to Council in 2017: it will include baseline production, distribution agriculture, access, assets, and a potential opportunities assessment will be used for recommendations. The District is putting out a Statement of Work for a food economy study, which will look at economic growth, opportunities, and strategies for supporting food related businesses in the District.</p>
FD3.2	Create a Local Food Hub for consolidation and distribution of local produce.	Medium	DMPED	OP, DSLBD, DCRA	2	2	1	1	1	<p>DMPED has successfully worked with a newly formed local grocer, Good Food Markets, to bring more local produce to the community. With the help from the neighborhood prosperity fund we have helped this local business expand into additional locations in the DC area.</p>	<p>The Food Policy Council, in cooperation with the Regional food distribution group (COG), is working on the concept of a food hub to collaborate on a regional scale. DC lacks large scale industrial parcels which makes it difficult to create a local food hub. Currently, Whole Foods Market serves as a local distribution point at Saint Elizabeth's in Ward 8.</p>
FD3.3	Develop small business food processing incubator center in DC.	Short	DSLBD	DMPED, OP, DOES	4	4	4	3	3	<p>DSLBD will fund a FY18 pilot project(s) that will help incubate small food vendors' efforts to prepare food at a more affordable rate than if they used a commercial kitchen space. This will support hyperlocal vendors building their capacity to provide prepared fresh foods and build food businesses.</p>	Complete.
FD3.4	Permit incidental sales of food from community gardens.	Short	DCRA	OP	4	4	0	0	0	<p>Complete. Currently, incidental sales of food from community gardens do not require a permit but do require a business license from DCRA.</p>	<p>Complete: Currently, incidental sales of food from community gardens do not require a permit but do require a business license from DCRA.</p>

FD3.5	Designate staff to actively participate in a new Food Policy Council.	Short	OP	DOH	4	4	3	3	1	Complete. Additional funding was allocated beginning in FY18 to hire an FTE in OP to support the Food Policy Director and Food Policy Council.	Ex-officio members of the DC Food Policy Council include representatives from the following agencies; Department of Human Services; Department of Health; Department of Consumer and Regulatory Affairs; Department of Parks and Recreation; Office of the State Superintendent of Education; Office of Planning; District Department of Transportation; District Department of the Environment; Department of General Services; and Office of the Deputy Mayor for Planning and Economic Development.
FD3.6	Increase government and institutional procurement of local foods.	Short	OCP	DCPS,OA, DYRS, DPR, DOC, UDC	3	3	3	2	1	DCPS signed a contract to conduct its Good Food Purchasing Program (GFPP) baseline assessment in the 2018-2019 school year. DC Greens and the DC Food Policy Council are leading a DC GFPP Coalition of organizations to try to get this policy implemented at a larger scale in DC. GFPP provisions have been included in proposed legislation (Healthy Students Amendment Act of 2017) before the DC Council. DCOA rebid their food service contracts which began in FY18 and include specifications for locally produced food and seasonal produce.	DCPS is studying the Good Food Purchasing program and completing a baseline assessment of their school food procurement practices. The Good Food Purchasing Program provides a metric based, flexible framework that encourages large institutions to direct their buying power toward five core values: local economies, environmental sustainability, valued workforce, animal welfare and nutrition. DCOA is about to rebid their food service contracts to begin in FY18, which will include specifications for locally produced food and seasonal produce.
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.	Long	DOEE-NRA	DPR, NPS, DGS, DDOT	3	3	1	1	0	In November 2017 the National Park Service approved its Anacostia Management Plan Environmental Assessment.	In cooperation with the National Park Service (NPS) and the US Department of Agriculture Animal and Plant Health Inspection Service, and in accordance with an NPS Environmental Impact Statement, DOEE removed more than 700 resident Canada geese from the Anacostia River watershed to improve wetland restoration efforts this year. Operations will continue annually for up to five years, until the resident Canada goose population is reduced to a level that has no impact on native plants, animals, or wetland restoration efforts.
NA1.2	Develop an Urban Wetland Registry to facilitate restoration or creation of wetland habitat.	Medium	DOEE-NRA	DPR	3	3	2	1	0	DOEE has drafted a Wetland Conservation Plan to accompany the Wetland Registry geodatabase. The draft Plan is undergoing peer review and will be posted for public comment in FY18 along with the Wetland Registry.	In 2016, DOEE completed the fieldwork necessary to assess and map the District's wetlands. The assessment data has been compiled into a geodatabase along with information about the enhancement and restoration potential of wetlands as well as potential sites for creating wetlands. The geodatabase must be reviewed by OCTO and posted for public comment before it can be published as final in the coming year.
NA1.3	Plant and maintain an additional 140 acres of wetlands along the Anacostia and Potomac Rivers and smaller streams.	Long	DOEE-NRA	NPS, USACE	2	2	1	1	1	In 2017, DOEE completed the Springhouse Run stream restoration project, which created two acres of riparian wetlands. In addition to this restoration project, DOEE is in the planning stage for stream restoration projects at Fort Dupont, Spring Valley, Stickfoot Branch, Oxon Run, and Pinehurst Branch. The District is also working with the US Army Corps of Engineers and the Center for Watershed Protection to develop draft vision plans for wetland and habitat restoration on the Anacostia River. These draft plans will be utilized to secure grant funds for long-term wetland creation projects.	The Nash Run and Pope Branch stream restoration projects were completed in 2016, creating 4.38 acres of wetlands. The Springhouse Run project is under construction and will also create several acres of riparian wetlands. In addition to these projects, DOEE is in the planning stage for stream restoration projects at Fort Dupont, Spring Valley, Stickfoot Branch, Oxon Run, and Pinehurst Branch. In partnership with the National Park Service, the District is also seeking grant funds to begin the planning process for wetland creation along the Anacostia River.
NA1.4	Require new waterfront developments and renovations to incorporate Low Impact Development strategies.	Medium	DOEE-NRA	OP	4	4	4	4	4	Complete.	Complete.
NA1.5	Implement a Fisheries Management Plan to restore DC's native fisheries.	Medium	DOEE-NRA		1	1	1	1	1	DOEE continues to perform all of the research and conduct surveys and studies in accordance with its federally approved five-year work plan for fisheries management.	DOEE continues to perform all of the research and conduct surveys and studies in accordance with its federally approved five-year work plan for fisheries management. DOEE continues to perform all of the research and conduct surveys and studies in accordance with its federally approved five-year work plan for fisheries management. These activities include the American shad restoration program, which releases nearly one million shad annually, and invasive species control through the blue catfish diet study and the multi-jurisdictional snakehead tagging program. In 2016, DOEE also achieved significant success in restoring habitat for native fish through the program to plant submerged aquatic vegetation. The agency is also voting members of the ASMFC (Atlantic States Marine Fisheries Commission) and abides by the multi-jurisdictional Fisheries Management Plans that have been established for the following anadromous species: Atlantic Sturgeon, Striped Bass, American Eel, River Herring, and American Shad. All of the research conducted is delivered in an annual report and used for stock assessment and management actions.
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.	Short	DDOT UFA	DOEE, DGS, DCPS, DPR, Casey Trees	4	4	4	3	3	DDOT planted 8,540 trees from 4/1/2017–3/31/18.	As of Mid February 2017, DDOT's Urban Forestry Administration has installed more than 6,000 new street trees. The effort of partners such as Casey Trees, Earth Conservation Corps, Washington Parks & People, and American Forests, is critical. These planting efforts have been deployed on public and private lands. In addition to the assorted public park and school locations historically targeted by these groups, several partnerships have also been created with the DC Housing Authority, leading to community-focused tree planting events on these properties. These efforts, combined with the more than 8,000 new street trees installed by DDOT's Urban Forestry Administration, ensure that the combined output will far surpass the SDC planting goal of 8,600 trees for 2017.
NA2.2	Replace 75% of public lighting with fixtures that reduce light pollution.	Long	DDOT	DPR, DGS	2	2	1	1	1	Awaiting agency response.	DDOT is using, and is continuing to explore, mitigation measures to reduce light pollution, including shielding and directional control. The agency is currently evaluating remote dimmability as a new mitigation measure, and launched a pilot project PA2040 co-managed by OCTO using this technology. As of February 2017, DDOT is evaluating the results of this pilot project.
NA2.3	Create a connectivity map to guide development of viable habitats throughout the District.	Short	DOEE-NRA	DOEE	4	4	4	0	0	Complete	Complete.
NA2.4	Require trees and green space on all new development sites.	Medium	OP	DOEE	4	4	4	4	4	Complete	Complete.
NA2.5	Stipulate use of native plant varieties for District government plantings and landscaping.	Medium	DDOT UFA	DGS, DCPS, DOEE, DPR	3	3	3	3	2	Awaiting agency response.	DOT-UFA continues to carefully select 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. DCPS is also designing outdoor classrooms for 2017 with drought resistant, pollinators, and native plants.
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.										
NA3.1	Prepare an open space plan to increase residential connections to green space and the rivers.	Short	DPR	DDOT, OP, DGS	2	2	2	2	3	DPR continues to engage with agency partners around increasing access to green space and connections with the rivers. DPR has been engaged in interagency working groups around the Anacostia Waterfront Initiative and its 10 Year Progress Report as well as with the Office of Planning and DDOT on the Small Parks Strategy. DPR is also planning events with community partners around the "Year of the Anacostia" in 2018 and continues to work with DOEE on stream restoration projects on its parkland.	The Office of Planning (OP) is currently finalizing the Buzzard Point Framework Plan, which includes guidelines for increasing connections to green spaces and the Anacostia River. The Plan calls for public access to the water along multiple points and a riverwalk with a natural design aesthetic, including a "Living Shoreline". The agency is also continuing to work on the Small Parks Plan, which includes a framework for some short-, mid-, and long-term strategies for improving the more than 800 small parks and green spaces located throughout the District.
NA3.2	Expand the formal trail network for hiking and biking.	Medium	DDOT	DDOT, DPR	3	3	2	2	1	A new paved trail was completed in Oxon Run Park in fall 2017. As part of DDOT's rec trails funding, DPR is working with the Student Conservation Association to develop a nature trail through Pope Branch Park along the recently completed stream restoration work there.	This year, DDOT completed the 4-mile Anacostia Riverwalk Trail Kenilworth Gardens segment and began construction on the Klinge Valley Trail, rehabilitation of the Rock Creek Trail and Oxon Run Trail. DDOT also completed preliminary design for the Metropolitan Branch Trail from Brookland to the Maryland border and will advance the Brookland to Fort Totten segment as a Design-Build contract in 2017.
NA3.3	Renovate and improve all District playgrounds.	Short	DPR	DCPS	3	3	3	3	3	In 2017, DPR completed new playgrounds and spray parks at Benning Stoddert and Friendship Recreation Center. Current planning is underway for playground renovations at Carolina Park, 16th St. Park, Walter Pierce, Foxhall, Petworth, Eastern Market Metro Park, Hardy, and Edgewood. New spray parks are also slated to open at Marvin Gaye, Watkins, Fort Davis, and Langdon in summer 2018.	In ongoing efforts to renovate and improve playgrounds throughout the District, DPR has renovated 3 playgrounds since April 2016: Kalorama, Ridge Road, and Kenilworth Parkside.
NA3.4	Improve transit linkages to parks and natural areas.	Long	DDOT	DPR, WMATA	2	2	2	1	1	DPR continues to work with DDOT to expand the network of Capital Bikeshare docking stations on its properties. New stations have been installed at Marvin Gaye, Anacostis Rec, Bald Eagle, and Harry Thomas. The Oxon Run Trail was completed in fall 2017.	In 2016 DDOT continued to expand the Capital Bikeshare system, which included additional stations on National Park Service lands and in close proximity to parks.
NA3.5	Create small parks and green spaces in areas with inadequate open space.	Short	DGS	DPR	2	2	1	1	1	DPR continues to work with OP and others on a small parks strategy. The agency is planning Small Park Saturdays in the spring and summer of 2018 to activate small parks and is completing its first meditation garden at a small park on 13th and Kansas NW in spring 2018. In addition, the NoMa Parks Foundation is continuing to work on the construction of Swampoodle Park which will come online later this year.	The Office of Planning released the Small Parks Vision and Management Strategy incorporating sustainable practices such as stormwater management and preservation of wildlife habitats into the design of small parks.
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.	Long	DDOT	WMATA	2	2	2	2	2	Awaiting agency response.	DDOT is continuing to operate and improve the H/Benning Streetcar line, and in 2016 added Sunday service and reduced headways. This year DDOT also continued to construct the Car Barn Training Center and released a Draft Environmental Assessment for the Benning Extension for public comment. DDOT held a series of public meetings to gather input on the Union Station to Georgetown line. In February 2017 the DC Streetcar celebrated one year in operation with over 906,000 total passengers.
TR1.2	Improve transit connections to employment and activity centers from underserved areas.	Medium	DDOT		2	2	2	2	1	Awaiting agency response.	In 2016, DDOT began preliminary engineering for the 16th Street Transit Priority project and worked with WMATA to implement a series of intersection operation improvements.
TR1.3	Define and secure permanent funding for transit planning and improvements.	Long	DDOT	WMATA, OP	3	1	1	1	1	In March 2018, Mayor Bowser pledged the District would offer up \$178 million in new annual funding for Metro during her State of the District address, aligning with Virginia's plan to fund the transit system.	No further progress to report.
TR1.4	Design transit systems for resilience to extreme weather events.	Medium	DDOT	DOEE, WMATA	2	2	2	2	1	Awaiting agency response.	No further progress to report.
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.	Medium	DDOT	OP	3	3	2	2	2	Awaiting agency response.	DDOT installed 6 miles of bike lanes in 2016 for a total of 80 miles of bike lanes in the District., including over 1 mile of protected bike lanes.
TR2.2	Expand the Capital Bikeshare program by 200 stations.	Medium	DDOT	WMATA	4	3	3	3	3	To date, DDOT has installed 269 stations in the District and has placed an order for 41 additional stations which will get installed later this year.	This year, DDOT installed 30 new bikeshare stations in the District, for a total of 243 stations in the city. As of April 2017, this marks an overall increase of 125 stations since the launch of Sustainable DC in 2013. In 2016, DDOT also expanded the Community Partners Program and successfully awarded a new Operations and Maintenance contract through a competitive procurement with regional partners.
TR2.3	Partner with community organizations to deliver bike and pedestrian safety education.	Short	DDOT	WABA	3	3	3	2	2	Awaiting agency response.	DDOT continued implementation of the Vision Zero Action Plan, including expanded education through partnerships with community organizations. In 2016 alone, \$160,000 has been offered in grant funding to partners DC Villages/Capitol Hill Village and \$80,000 was awarded to Gearin' Up Bicycles. Also this year, DC Bike Ride involved 7,111 riders to help raise awareness and engagement around Vision Zero. Other community partners that have adopted strategies in the Vision Zero Action plan include Coalition for Smarter Growth, Kidical Mass, Streetwyze Foundation, All Walks DC, Black Women Bike, Washington Area Bicyclist Association, AAA Mid-Atlantic, Safe Routes to School National Partnership, and Collective Action for Safe Spaces.
TR2.4	Collect data to improve understanding of cyclist and pedestrian travel patterns.	Short	DDOT	OP	3	3	2	2	0	Awaiting agency response.	In 2016, DDOT continued to expand the counter program and piloted the use of user-based information for planning purposes. The District Mobility Project study was released this year and in February 2017, the agency also launched the District Mobility website an effort to clearly communicate how the District's transportation system is performing and track traffic congestion.
TR2.5	Program crosswalks and traffic lights for improved safety and convenience of pedestrians and cyclists.	Medium	DDOT		3	3	3	3	3	Awaiting agency response.	DDOT added six new HAWK (High-Intensity Activated crossWalk beacon) signals in 2016 and expanded the use of LPIs (Leading Pedestrian Intervals).
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.	Short	DDOT		2	2	2	2	1	Awaiting agency response.	DDOT is continuing the Chinatown and Penn Quarter performance-based pilot project and has implemented two price adjustments in 2016. The pilot will continue through 2017.
TR3.2	Expand car-sharing programs to low-income residents using financial tools.	Short	DISB	DDOT, DMPED, DPW	2	2	2	2	2	No new progress to report.	DOEE launched an environmental ANC Ambassadors program to train ANC Commissions on sustainability in development projects. In addition, the Heinz School PUD provides car-sharing membership as a suggested community benefit.
TR3.3	Encourage private businesses to offer incentives for employee travel by transit, walking, or biking.	Medium	DOEE-USA, OP	DCHR, WMATA, Community Partners	3	3	3	3	2	goDCgo, DDOT's marketing and outreach program, continues to work with employers to implement the DC Commuter Benefits Law.	As of January 1, 2016, DC employers with 20 or more employees are required to offer pre-tax or subsidized commuter benefits for use on Metro, buses, vanpools and other forms of mass transit as part of the DC Commuter Benefits Law. Preliminary findings from a small sample of 191 employers show that 78% of those employers started offering transportation benefits because of this law. The DC Commuter Benefits Law expanded access to transportation benefits to those who work in the District and, through pre-tax transportation benefit, offered an incentive in the form of up to 40% tax savings on commuting.
TR3.4	Encourage and promote telecommuting and alternative work schedules for employees.	Short	DDOT, DCHR	Community Partners	1	1	1	1	0	No further progress to report.	No further progress to report.
TR3.5	Study the feasibility of a regional congestion fee for travel during peak hours.	Short	DDOT	OP, MWCOG	2	2	2	1	1	Awaiting agency response.	No further progress to report.
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.	Short	DOEE-ESA	MPD	2	2	1	1	1	At DOEE's "All Hands" day in 2017, DOEE conducted an outreach campaign around the Mall on engine idling. The agency 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. The program has begun an effort to work with sister agencies such as DDOT, MPD, and DPW to identify ways to increase awareness of the regulation among bus and truck drivers and enforcement of the regulation. This includes expanded signage throughout the city and distribution of materials through permits issued by other agencies to truck and bus companies.	On Earth Day 2016, DOEE conducted an outreach campaign on engine idling. The agency 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. The program has begun an effort to work with sister agencies such as DDOT, MPD, and DPW to identify ways to increase awareness of the regulation among bus and truck drivers and enforcement of the regulation. This includes expanded signage throughout the city and GIS tracking to establish hotspots for engine idling.
TR4.2	Require District government, and encourage private businesses, to purchase clean fuel, low-emission fleet vehicles.	Long	DOEE-USA	DGS, DDOT, DPW, MPD, DCFD, OCP	2	3 pending Mayor's order	2	2	1	No new progress to report.	No new progress to report.
TR4.3	Expand electric vehicle charging infrastructure throughout the city.	Medium	DOEE-EA	DGS	2	2	1	1	1	This year, DOEE has worked with its sister agencies to site 3 new Direct Current Fast Chargers (DCFC). Through a public private partnership, the stations were installed to provide charging to public and private vehicles. DOEE is also working closely with its sister agencies and stakeholders to continue to site additional locations to support electric vehicle adoption in the District.	This year, DOEE has continued its efforts to explore siting opportunities and partnerships to drive the installation of Direct Current Fast Chargers (DCFC) and Level 2 charging stations. The agency is helping to coordinate efforts with sister agencies, the local utility, and the private sector to minimize redundancy and maximize infrastructure visibility and accessibility. Staff and stakeholders are prioritizing sites.
TR4.4	Offer incentives to avoid driving and other emission-generating activities on predicted Code Red and Orange air quality days.	Medium	DOEE-ESA	DMPED, DDOT, WMATA	0	0	0	0	0	Citywide efforts to bring atmospheric ozone levels near compliance are proving effective, as 2017 experienced only 4 Code Red and Orange air quality days.	Citywide efforts to bring atmospheric ozone levels near compliance are proving effective, as 2016 experienced a lack of Code Red and Orange air quality days.

TR4.5	Track and report mileage data from clean fuel, low-emission, and electric vehicles.	Long	DOEE-EA	DMV, DOT	3	3	3	3	0	DOEE is continuing to gather electric vehicle (EV) and hybrid registration data from the Department of Motor Vehicles on a monthly basis. This information is being used to prioritize sites for deployment of EV chargers, and allows DOEE and stakeholders to understand the growing need for Alternative Fuel Vehicle fueling stations. This information helps private investing groups with their decisions to invest in additional charging and fueling stations in the District.	DOEE is continuing to gather electric vehicle (EV) and hybrid registration data from the Department of Motor Vehicles on a monthly basis. This information is currently being used to help prioritize sites for the deployment of EV chargers.
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.	Medium	DPW	DOEE, OP	2	2	1	1	0	No new progress to report.	While DPW will not commence development of its District Zero Waste Plan until FY18, in 2016 the agency laid the groundwork through initiatives such as the solid waste collector registration reporting. DPW also hosted an organics summit to inform the new organics portion of the Zero Waste Plan and is in the midst of conducting a compost feasibility report. This will allow the District to estimate food and yard waste generation for commercial buildings and help assess the feasibility of a curbside collection 3 track program.
WS1.2	Introduce a Pay-As-You-Throw pricing structure for waste collection services.	Long	DPW	DOEE	2	2	1	1	1	No new progress to report.	DPW is continuing its efforts to actively study the feasibility of a Pay-As-You-Throw (PAYT) pricing structure, with staff participating in a 2016 DC Environmental Network (DCEN)-run workshop on successful PAYT models in other cities and a how the District might design PAYT.
WS1.3	Ban Styrofoam and non-recyclable plastic containers from food and retail outlets.	Medium	DOEE-USA	DPW, EOM	4	4	4	3	1	Complete.	Complete. Effective January 1, 2017 updated regulations require that all food service packaging in the District may only be made with recyclable or compostable materials.
WS1.4	Introduce a bottle deposit law.	Long	DOEE-USA	DPW, EOM, MWCOG	1	0	0	0	0	Work has begun to take a more holistic look at plastic waste and the best solutions for keeping it out of our waterways and waste stream.	No further progress to report.
WS1.5	Implement Sustainable Sites Initiative (SITES) guidelines for park maintenance.	Medium	DPR	DGS, DPW	2	1	1	0	0	DPR has been working with DPW to develop a zero-waste plan for its network of recreation centers and parks. This would initially include education on proper recycling techniques as well as potentially piloting food waste compost collection at select summer food sites. DPR and DGS are exploring using the ENVISION criteria for upcoming capital projects and stress the use of native species of trees and shrubs when working with partner agencies and organizations on tree plantings in parks.	DOEE has researched best practices on park maintenance. In addition, 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.
WS1.6	Allow nearby businesses to share containers for landfill waste, recycling, and composting.	Short	DCRA	DPW, DOEE	0	0	0	0	0	No further progress to report.	No further progress to report.
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.	Long	DOEE-USA	OCP	4	4	3	1	1	PaintCare submitted its first annual report. In the first 14 months of the program they established 7 retail drop-off sites and partnered with the Fort Totten HHW program, completed 11 large volume pick-ups and held 4 drop-off events to collect over 38,000 gallons of leftover paint. The ban on landfilling electronic waste went into effect on January 1, 2018. Also starting on the first of the year, electronic retailers are required to provide point-of-sale information about the eCYCLE program.	This year DOEE launched both paint and electronics product stewardship programs. PaintCare hosted its first paint drop-off event in November 2016, collecting 27,000 pounds of used paint, and eCYCLE DC now requires manufacturers to collect and recycle electronic waste.
WS2.2	Introduce construction waste management requirements.	Medium	DCRA	DPW, DGS, DOEE	3	3	3	3	3	No new progress to report. The Green Building Act and Green Construction Code have requirements for construction waste management.	No new progress to report. The Green Building Act and Green Construction Code have requirements for construction waste management.
WS2.3	Require the use of recycled and salvaged building materials.	Long	DCRA	DPW, DOEE	3	3	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.	While there is no new progress to report, the Green Building Act and Green Construction Code have requirements for using recycled and salvaged materials.

WS2.4	Complete a waste life cycle study.	Short	DPW		2	2	1	1	1	No new progress to report.	DPW will be conducting a waste characterization study in fall 2017. This year, the agency released a Waste Diversion Report for the first time in 5 years and the Office of Waste Diversion will have commercial data on solid waste collector regulations for the 2017 calendar year.
WS2.5	Reuse 50% of biosolids treated in the District.	Short	DC Water		4	4	3	2	2	Complete.	DC Water is reusing 53.1% of biosolids generated at the plant, consisting of clean, green energy generation for use onsite at Blue Plains as well as the new Bloom product that was launched in May 2016, and is now used in community gardens, tree planting, and restoration projects in all 8 wards. The remaining 46.9% is going to farms, field nurseries, and landscapers in Virginia and Maryland.
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.	Long	DPW	DOEE	3	2	2	2	1	In May of 2017, DPW released a Compost Feasibility Study which includes a comprehensive study of the feasibility of implementing a curbside organics collection program for District residents. \$8M was incorporated into the FY 2023 capital budget to build an in-District composting facility, a facility needed to support the launch of a three track waste collection program.	DPW has a Compost Feasibility Report currently in development. By the end of 2016 it was estimated that DPR had 50 working bins with a capacity of 5000 people actively composting or 50 tons of material a month with no operating costs and no carbon footprint. Currently there are about 1,000 people composting in cooperative network. This Earth Day (April 2017), DPW will launch a food waste pilot program that will provide composting drop-off locations in each ward.
WS3.2	Establish a new organics transfer station in the District.	Short	DPW	DOEE, OP	3	2	1	1	1	In May of 2017, DPW released a Compost Feasibility Study. The study recommended that food and yard waste not be transferred due to decreased efficiencies, increased operational costs, and greater environmental performance from processing the material locally. Since the release of the study, \$8M has been added to the FY 2023 capital budget to build an in-District composting facility.	DPW is in the midst of conducting a compost collection and feasibility report that assesses the viability of a new organics transfer station in the District.
WS3.3	Increase the size of recycling bins.	Medium	DPW	DOEE	4	4	4	4	4	Complete	Complete.
WS3.4	Increase recycling receptacles in the public realm.	Long	DPW	DOEE, OP, BIDs	2	2	2	2	1	No new progress to report.	No new progress to report.
WS3.5	Provide incentives for residential composting and recycling.	Medium	DOEE	OP	0	0	0	0	0	No new progress to report.	No new progress to report.
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.	Medium	DOEE-NRA	DC Water, DDOT, DGS, NPS	4	3	3	2	1	Complete. DOEE has tested several innovative technologies and will continue to seek out and test new restoration techniques and technologies. In FY 2017, DOEE completed research on a stream restoration technique called "regenerative stream channel" design. Additionally the agency is continuing research on smart technology installed on cisterns at fire stations to increase efficiency by releasing water based on real-time data for upcoming rain events; a study on a similar system that works to maximize the effectiveness of bioretention cells; monitoring the improvements in stream health where the District has undertaken stream restoration projects; and two neighborhood-scale studies looking at intensive stormwater retrofits installed through the RiverSmart Washington and Alger Park projects.	While DOEE will continue to seek out and test new restoration techniques in the District, the agency is updating three of its ongoing studies from the 2015-2016 Progress Report: DOEE is overseeing a study of smart technology installed on cisterns at fire stations to increase efficiency by releasing water based on real-time data for upcoming rain events; a study on a similar system that works to maximize the effectiveness of bioretention cells; conducting research to examine streams that were repaired and restored using a technique called "regenerative stream channel" design; two neighborhood-scale studies looking at intensive stormwater retrofits installed through the RiverSmart Washington and Alger Park projects.
WT1.2	Restrict the use of cosmetic pesticides and chemical fertilizers.	Medium	DOEE-USA	DGS, Community Partners	2	2	2	2	2	No new updates to report.	This year, DOEE's Urban Sustainability Branch assisted the Stormwater Division to reach out to retailers, golf courses, recreation facilities, hardware stores, and landscapers on the District fertilizer law, store signage and application requirements.

WT1.3	Restrict the use of harmful salts on roads in winter.	Medium	DOEE-USA	DDOT, DGS, Community Partners, DPW	2	2	2	1	0	<p>The Snow Team created two new operational sections in Summer/Fall of 2017 in preparation for the FY 18 snow season: Anti-icing operations and Non-motorized Trail Operations. Anti-icing Operations are a pro-active approach to winter road maintenance that reduces the total amount of salt needed to keep roadways clear of ice. The Snow Team has invested in 24 pieces of equipment and 24 personnel to expand these Anti-icing Operations and is working on expanding its capacity to create, store, and apply anti-icing liquids. A combination of brine and hot mix (a mixture of brine and sugar beet juice) will be used for Anti-icing Operations. For the FY2018 Snow Season, the District is prepared with 19 liquid dispensing trucks and 10 new liquid dispensing club cars with plows and spreaders to clear and treat sidewalks and bike paths. The Snow Team held training on snow plow salt applicator calibration for shift managers. They calibrated all of their snow plows and a table with application rates was created for each plow. Snow plow operators were told which application rate to set their spreader to when deicing operations begin, and application rates will be adjusted by Snow Command based on the type and amount of precipitation the city received. In the fall of 2017 DPW began a pilot program to retrofit saddle tanks to 10 snow plows that will be able to pre-wet solid rock salt as it is being applied. This increases the salt's melting efficiency and helps prevent it from bouncing and being blown off the road, allowing the salt to stay where it is applied and reduce the need for additional product to be applied. DOEE gave pollution prevention presentations to 196 staff at 9 Snow Team trainings that covered things from proper salt application, spill response and cleanup, and air quality actions.</p>	<p>The 2016-2017 District Winter Snow and Ice Plan provisioned for 12,500 gallons of beet juice and 30,000 tons of brine and hot mix for the snow removal process. This year DOEE began identifying Snow Disposal sites and preparing environmental plans, which involved visiting roughly 30 sites throughout the District as well as an intensive GIS analysis. DOEE was an active member of the District's Snow 2016 team, continuing to update the snow and ice removal website to include air quality considerations and to better outline what DOEE is doing to reduce pollution in the winter. DOEE hosted 5 trainings to educate 269 District employees about stormwater pollution prevention, the city's idling laws, and visited all of the District's salt domes. In November 2016, construction was completed for the salt dome on South Capitol. DOEE conducted 3 site visits to assess vehicle washing practices to ensure they were compliant with federal stormwater regulations.</p>
WT1.4	Study the feasibility of implementing nutrient and water quality trading programs.	Short	DOEE-NRA		4	4	3	2	1	<p>Complete. As reported in previous years, DOEE has studied the feasibility of nutrient and water quality trading programs and determined that they are not necessary or advisable for the District. Instead, DOEE continues to continued implement and expand the Stormwater Retention Credit (SRC) Trading Program.</p>	<p>The District determined that the implementation of nutrient trading and water quality trading programs is not necessary or advisable at this time. The opportunity to implement such a program in the District is limited due to the absence of existing agricultural land on which nutrient reduction practices could be voluntarily implemented to generate credits. Rather, DOEE determined that continued implementation of its Stormwater Retention Credit (SRC) Trading Program will enable greater investment in runoff-reducing green infrastructure in priority areas of the District that currently discharge to District waterbodies with little or no treatment. In addition, DOEE is currently implementing its SRC Purchase Agreement Program that will engage private investment to accelerate GI retrofits in priority areas to maximize benefits to District waterbodies. The city is on track to comply with nutrient reduction requirements of the Chesapeake Bay Total Maximum Daily Load through the implementation of programs required under its EPA-issued Municipal Separate Storm Sewer System (MS4) Permit and DC Water's implementation of its Clean Rivers capital improvement project.</p>
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.	Medium	DOEE-NRA	Community	3	3	3	3	2	<p>In 2017, there were 370,000 square feet of green roof installed, for a total of 3.4 million square feet citywide and approximately 1.8 million square feet installed since 2012. Green roofs can be used to comply with the District's stormwater management regulations. Further, 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. DOEE also certified 12,948 SRCs in 2017 for a voluntary green roof project, which helps to encourage green roof maintenance.</p>	<p>In 2015-2016, there were 196,406 square feet of green roof installed, for a total of 2.79 million square feet citywide and approximately 1.5 million square feet installed since 2012. To help continue to fulfill this action, 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.</p>

WT2.2	Increase the use of green infrastructure along public rights of way.	Short	DDOT	DOEE, DC Water	3	3	2	2	2	Successful launch of the National Green Infrastructure Certification Program (NGICP) and the first class of DC residents have completed the program. DC Water partnered with the Water Environment Federation (WEF) on NGICP which is intended to verify that all trainees have a standard set of green infrastructure skills and abilities. Becoming certified provides individuals with opportunities for job growth and portability – which will make those workers more valuable and marketable. So far, more than 50 DC residents have been trained during the first two sessions of DC Water’s green infrastructure training; 16 have already been certified through NGICP with the majority being Ward 7 and 8 residents, where the District’s unemployment rate is higher than other parts of the District. In addition, Rock Creek Project A is the first Green Infrastructure (GI) project constructed by the DC Clean Rivers Project to significantly reduce the level of pollution to Rock Creek produced by the discharge of stormwater runoff and sanitary sewer flows, known as combined sewer overflows (CSOs) from the combined sewer system during heavy rain and snow events. Rock Creek Project A area extends from Oglethorpe Street NW to Gallatin Street NW and 3rd Place NW to First Street NE. Construction activities for Rock Creek Project A will begin in summer 2017 and be completed in 2019. Construction work will be phased throughout the project area to minimize traffic and other construction impacts to the community.	In FY16, DDOT initiated contracts for design projects and supported ongoing construction of several green infrastructure facilities through capital projects such as Minnesota Ave SE Phase 1, 15th Ave NW, Klingle Valley Trail, Oxon Run Trail, and Kennedy Street Revitalization. DDOT expects to complete design in 2017 for the following green infrastructure projects: Ft Davis, LeDroit Park Phase 1, Klingle Watershed, Dix Street, and Alger Park.
WT2.3	Double the number of homes participating in the RiverSmart Homes program.	Medium		DOEE-NRA	4	3	3	3	3	At the time the Sustainable DC Plan was being developed, the RiverSmart Homes program had completed just over 4,000 installations. Since that time, the RiverSmart program has installed an additional 9,836 practices. In FY 2017, there were 930 homes audited for the program; 658 rain barrels installed; 820 shade trees planted; 375 rain gardens and BayScaping retrofits implemented; and 50 properties reduced areas covered with impervious surfaces. DOEE is currently working on targeted outreach to homeowners in Ward 7 and 8.	The RiverSmart Homes program exceeded its annual implementation targets. In FY 2016, there were 1,032 new RiverSmart Homes audited across the District; 354 rain barrels installed; 962 shade trees planted; 226 rain gardens and BayScaping retrofits implemented; and 87 properties reduced areas covered with impervious surface. DOEE continues to provide higher RiverSmart incentives to targeted subwatersheds (Alger Park, Hickey Run, Nash Run, Oxon Run, Pope Branch, and Spring Valley) where these activities have a larger effect on the District’s waterways.
WT2.4	Build 25 miles of green alleys.	Long	DDOT	DOEE, PEPCO	2	2	1	1	1	Awaiting agency response.	As of 2016, DDOT has designs for an additional 9 green alleys, six of which will be under construction in FY17. To help more reliably predict construction costs for projects over the next two years, DDOT is refining design and cost estimates of the 3 main types of green infrastructure that the agency installs.
WT2.5	Establish pervious surface minimums for targeted zoning districts.	Short	OP	DOEE	4	4	4	4	4	Complete	Complete
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.	Short	DCRA	DOEE, DC Water	4	4	4	4	4	Complete.	Complete
WT3.2	Revise building codes to allow the use of alternative water systems.	Short	DCRA	DGS, DOEE, DC Water	4	4	2	2	2	Complete.	Complete. In 2016, building codes were revised to allow for the optional use of alternative water systems.

WT3.3	Expand use of neighborhood-scale water collection networks.	Long	DOEE-NRA	OP	3	3	2	1	1	<p>Complete. Under the District's stormwater management regulations, properties may use shared stormwater best management practices to satisfy their performance requirements. In this arrangement, a stormwater management practice is located on one property but receives runoff from adjacent properties. DOEE approved the first use of a shared BMP in 2016, and approved the use of an additional shared BMP in 2017. Both projects were under construction in 2017.</p>	<p>Under the District's stormwater management regulations, properties may use shared stormwater best management practices to satisfy their performance requirements. In this arrangement, a stormwater management practice is located on one property but receives runoff from adjacent properties. In 2016, DOEE approved the first use of a shared cistern. The cistern was installed in 2013 and was designed to have extra capacity. The first adjacent project to drain to the cistern was permitted by DOEE in 2016 and is currently under construction.</p>
WT3.4	Develop incentives for water-efficiency measures in landscaping and building design.	Long	DOEE-NRA		2	1	1	1	1	<p>Complete. DOEE continues to implement regulatory and voluntary programs that encourage the use of cisterns to harvest stormwater for irrigation and other non-potable uses. In 2017, 40 rainwater harvesting practices were built in order to comply with the District's stormwater management regulations. In addition, DOEE approved certification of 2,334 Stormwater Retention Credits (SRCs) for a cistern, installed 354 rain barrels through the RiverSmart Homes program, and provided stormwater fee discounts for 587 rain barrels through the RiverSmart Rewards program. All RiverSmart Homes participants are automatically enrolled into RiverSmart Rewards unless they opt out.</p>	<p>DOEE has several incentive programs that encourage the use of cisterns to harvest stormwater for irrigation and other non-potable uses. In 2016, DOEE approved certification of 12,294 Stormwater Retention Credits (SRCs) for rainwater harvesting practices, installed 354 residential rain barrels through the RiverSmart Homes program, and provided stormwater fee discounts for 264 rain barrels and cisterns. All interested RiverSmart Homes participants are now automatically enrolled into the stormwater fee discount program.</p>
WT3.5	Expand the use of water monitoring technologies.	Long	DOEE-NRA	DCRA, DC Water	2	2	1	0	0	<p>As required by the MS4 permit, a contract to collect and analyze stormwater was issued in February 2018. Progress is also being made to incorporate a rapid stream assessment approach, where "stream walks" will be conducted to collect water quality, geophysical, and biological data from District streams. During 2017, DOEE staff identified the matrices that will be used to assess the streams' health and also investigated software that could be adapted to promote efficient collection and analysis of the stream data. The matrices and a version of the software will be tested during 2018.</p>	<p>In order to provide a more holistic assessment of the District's waterbodies DOEE is now implementing a revised monitoring program. This includes incorporating a rapid stream assessment approach, where "stream walks" will be conducted to collect water quality, geophysical, and biological data from District streams. DOEE staff will be developing and testing this new monitoring approach in 2017, in anticipation of full implementation during the next MS4 Permit term.</p>