

Sustainable DC Draft Actions

| ID# | Action | SDC Vision | One City | Working Groups |
|---|---|------------|----------|----------------|
| Built Environment Draft Actions | | | | |
| Theme 1: A Growing City | | | | |
| BE1 | Provide height and density bonuses for construction near transit hubs and for high performance buildings. | | X | X |
| BE2 | Support federal legislation to allow the District to exceed height limits. | | | X |
| BE3 | Create interactive online database of vacant and underutilized properties to promote redevelopment. | | | X |
| BE4 | Expand brownfield redevelopment incentives and certification programs to speed site reuse. | | | |
| BE5 | Reduce parking minimums and restrict surface parking for large developments through use of underground parking for example to optimize land area. | | | |
| BE6 | Modify zoning laws and update development standards to allow accessory dwellings or other small scale buildings or structures in alleyways. | | | X |
| BE7 | Zoning code updates allow more density and units within buildable area. | | | |
| Theme 2: Activated Spaces | | | | |
| BE8 | Ease permitting for temporary arts, community, and business uses in public spaces. | | X | |
| BE9 | Create a revolving loan fund to promote business and entrepreneurial incubators. | | X | |
| BE10 | Convert vacant public buildings into permanent community and business incubation centers. | | | |
| BE11 | Allow new uses outside of zoning use restrictions in abandoned and vacant buildings. | | | |
| BE12 | Expand Healthy By Design initiative and develop metrics to measure community performance. | | | |
| BE13 | Diversify use of alleys and underutilized open space for recreation and community uses. | | | |
| BE14 | Expand Live Near Your Work challenge grants for employers and their employees. | | | |
| BE15 | Implement the Anacostia Waterfront Initiative to create connected, livable communities. | | | |
| BE16 | Implement the Center City Action Agenda to create diverse communities and expand employment centers. | | | |
| BE17 | Include diversity of use impacts in zoning code update. | | | |
| BE18 | Implement the Southwest Eco-District Plan in coordination with GSA and NCPD. | | | |
| BE19 | Restore and expand environmentally sustainable parks and playgrounds citywide. | | | |
| Theme 3: Existing Buildings & Operations | | | | |

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| BE20 | Rehabilitate low income housing to meet health and environmental standards and be capable of meeting "net zero" energy standards. | X | | |
| BE21 | Expand and secure funding for Lead Safe Washington and Healthy Homes programs and provide training for all participants on lead free homes. | | | |
| BE22 | Adopt latest green construction codes to apply to all building renovations. | | | |
| BE23 | Provide funding/financing for highly sustainable demonstration projects at existing schools, other public buildings, and private buildings. | | | |
| BE24 | Strengthen requirements for reporting building environmental performance associated with the Green Building Act and Clean and Affordable Energy Act. | | | |
| BE25 | Develop an online tool to track green improvements in buildings that could help foster competition between building owners and the tenants. | | | |
| BE26 | Require building environmental performance audits or certifications at point of sale or every 5 years. | X | | |
| BE27 | Grow District jobs and business tied to high-growth fields in sustainable building. | X | X | |
| BE28 | Build public/private partnerships among large landowners and landlords to jointly develop high performance programs for buildings and tenants. | | | |
| BE29 | Expand Home Purchase Assistance Turnkey Program to engage local sustainable contractors. | | | |
| BE30 | Retrofit and modernize all schools, libraries and other public buildings to LEED Gold or higher standards. | | X | |
| BE31 | Expand PACE and other innovative financing mechanisms to fund existing building retrofits. | | | |
| Theme 4: Green Building & New Construction | | | | |
| BE32 | Expand programs to train District residents in latest green construction skills, linked to city-managed development projects. | X | X | |
| BE33 | Expand eco-districts initiative and development of neighborhood scale infrastructure and utility investment. | | | X |
| BE34 | Expand scope of Green Building Act to projects below 50,000 sq ft. | | | X |
| BE35 | Provide expedited permitting or reduced permitting fees for LEED Gold or higher projects. | | X | X |
| BE36 | Require sustainability criteria in all small area plans. | | | X |
| BE37 | Adopt latest green construction codes for all new construction, including green and cool roofs. | | | X |
| BE38 | Require all new buildings to be energy and carbon neutral or "net positive" energy producers. | X | X | |
| Energy Draft Actions | | | | |
| Theme 1: Energy Efficiency | | | | |

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| EN1 | Require public disclosure of Energy Star performance for private buildings over X sq ft. | X | | X |
| EN2 | Require energy audits and disclosure of results at point of sale or every 5 years. | X | | X |
| EN3 | Replace all street and public lighting with highly efficient fixtures. | X | X | |
| EN4 | Retrofit all public properties and housing for energy efficiency | | | X |
| EN5 | Expand DCSEU programs for targeted efficiency in commercial and residential properties | | | X |
| EN6 | Expand DCSEU authority to issues bonds and leverage private capital funds | | | X |
| EN7 | Allow submetering in all buildings with accommodations for rent control buildings | | | X |
| EN8 | Promote development of local energy service companies to audit and retrofit buildings | | | X |
| EN9 | Expand PACE and other innovative financing mechanisms to fund existing building retrofits | | | X |
| EN10 | Require large buildings be retrofitted for energy efficiency, lighting, and metering at point of sale or within 20 years; must achieve Energy Star 50 or higher | | | X |
| EN11 | Make energy use data accessible and transparent in real time for public and private buildings | | | X |
| EN12 | Initiate challenge for all government facilities and schools to reduce energy use and receive share of the savings | | | |
| EN13 | Provide tax incentives for highly efficient building systems (low or no sales tax) | | | X |
| EN14 | Increase the number of government retrofitted buildings and modernize all public schools to include energy efficiency measures. | | X | |
| EN15 | Advance sustainability in the District through local university collaboration. | | X | X |
| Theme 2: Clean and Renewable | | | | |
| EN16 | Develop Clean Alternative Technologies Standard (CATS) to shift reliance from fossil fuels | X | | X |
| EN17 | Expand the use of renewable energy | | X | |
| EN18 | Stimulate demand for renewable energy improvements. | | X | |
| EN19 | Create financial tools for renewable energy technologies on private buildings, such as PACE or DCSEU bonding beyond large commercial to residential. | | | X |
| EN20 | Increase the RPS provisions of the Clean and Affordable Energy Act, through allowing SREC support. | | | X |
| EN21 | Create financial incentives in the form of rebates, grants or tax incentives for renewable energy installations and neighborhood scale heat, cooling or power generation. | | X | X |
| EN22 | Facilitate private financing of renewable energy retrofits and decentralized renewable projects, such as Power Purchase Agreements. | | X | X |

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| EN23 | Create online maps and information for investors and the public to identify solar potential and decentralized retrofit opportunities. | | | X |
| EN24 | Prepare long term strategy and plan for decentralized energy infrastructure and explore the feasibility of offsite windfarm to power the District. | | | X |
| Theme 3: Infrastructure and Operations | | | | |
| EN25 | Finalize a citywide plan for use of Smart Meters and Smart Grids | | | X |
| EN26 | Promote development of clean distributed generation and cogeneration across the city. | | | X |
| EN27 | Work with utilities to improve distribution system efficiency and reliability | | | |
| EN28 | Implement phased plan for undergrounding critical utility infrastructure | | | |
| EN29 | Complete feasibility analysis for expansion and creation of district energy systems | | | X |
| EN30 | Expand university and school based programs to promote energy efficiency understanding | | | X |
| EN31 | Make grid scale retrofits to current infrastructure for rapid deployment of local renewable energy and energy storage. | | | X |
| Food Draft Actions | | | | |
| Theme 1: Growing Food | | | | |
| FD1 | Proposed legislation: Sustainable Urban Agriculture Act to allow bee keeping. | X | | |
| FD2 | Put 20 additional acres of land under cultivation. | X | | |
| FD3 | Produce or obtain 25% of District food within a 100-mile radius. | X | | |
| FD4 | Streamline the process to find and use land by creating an online map, showing vacant public and privately owned land is available for urban agriculture, temporary or permanent. | | | X |
| FD5 | Increase food production at DC Public Schools and connect to schools' curriculum. | | | X |
| FD6 | Plant orchards (fruit and nut trees) and permaculture strategically in the District. | | | X |
| Theme 2: Nutrition, and Access | | | | |
| FD7 | Expand "Double Dollars" programs for fresh/healthy foods in farmers' markets: Expand the "Double Dollars" program (e.g. WIC, SNAP) to farmers' markets citywide, using private donation to raise funds. | X | | |
| FD8 | 75% of population within .25 mile of local food. | X | | |
| FD9 | Ensure all residents are within 1 mile of full-service grocery store. | X | | |
| FD10 | Improve Access to Healthy Foods - through Farmer's Markets, Community Gardens and Grocery Stores. | | X | |
| FD11 | Expand Nutrition Education and Increase Access to Healthy Foods. | | X | |
| FD12 | Cut citywide obesity rate by 50%. | | X | |

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| FD13 | In line with the Healthy Schools Act and Child Healthy Action Plans, incorporate best practice healthy and local menus in all DC Public School cafeterias throughout the year. | | | X |
| FD14 | Expand the DC Healthy Corner Store initiative and include a "Bonus Bucks" style program for produce purchases at corner stores - targeted to 'food desert' neighborhoods. | | | X |
| FD15 | Increase transparency about nutritional content of food, by requiring the display of nutritional content in fast food restaurants. Support this with a public campaign about nutritional values. | | | X |
| Theme 3: Local Food Industry | | | | |
| FD16 | Permit incidental sales of food from community gardens. | | | X |
| FD17 | Educate government/institutional food purchasers to select locally produced foods. | | | X |
| FD18 | Develop permitting process for rooftop food production and include in incentives for green roofs. | | | X |
| FD19 | Create a Local Food Hub, where products can be delivered from farms across the region and marketed/distributed to institutions, restaurants and grocers in DC. Enables smaller farms to supply buyers that they could not reach on their own, and buyers to access local produce. | | | X |
| FD20 | Develop a comprehensive urban agriculture action plan, which systematically evaluates all available empty lots as potential opportunities for commercial or community urban agriculture. | | | X |
| FD21 | Complete a research study to understand the baseline of the food industry and foodshed in DC - from manufacturing and processing capacity, how the system functions, and where are the growth opportunities, how much food is consumed, what types of food, how much food waste is generated, how food supplies will be affected by climate change, etc. | | | X |
| FD22 | Develop proactive government involvement in the new Food Policy Council to create shared leadership of DC's food sector. | | | X |
| Nature Draft Actions | | | | |
| Theme 1: Rivers and Wetlands | | | | |
| NT1 | Preserve biodiversity by protecting river and wetland habitats & native species populations. | X | | |
| NT2 | Complete feasibility studies to determine the optimal planting of wetlands along the Anacostia and Potomac, to regenerate habitat and remove the need for sea walls and other engineered defences - coordinate with the DDOE and NPS's fringe wetlands initiative. | | | X |
| NT3 | Develop an urban wetland registry to help developers find sites to restore in return for disturbing areas of habitat or green space elsewhere in the District during construction projects - coordinate with the Habitat Restoration Program and Wetlands Conservation Plan. | | | X |

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| NT4 | Redevelop and provide low impact development policies for native wetland habitats along riverfronts, incorporating native wildlife, fish and water birds - coordinate with the Habitat Restoration Program, Wetlands Conservation Plan, and the fringe wetlands initiative. | | | X |
| NT5 | Complete feasibility assessment to understand what is required to restore DC's native fisheries. | | | X |
| NT6 | Update open space guidelines and management policies to implement practices to manage nuisance urban Canada Geese (such as outlined by the International Association of Fish and Wildlife Agencies). | | | X |
| Theme 2: Trees and Landscapes | | | | |
| NT7 | Cover 40% of District with healthy tree canopy. | X | | |
| NT8 | Enhance the Urban Forestry Administration and coordinate efforts across DC agencies to develop an integrated Urban Forest Master Plan, in compliance with DDOE's MS4 stormwater management permit. | | | X |
| NT9 | Identify land suitable for new public and private green spaces (parks, gardens, outdoor "rooms"), and promote for parkland development. | | | X |
| NT10 | Create a connectivity map highlighting existing wildlife corridors and prioritizing corridors for future development. | | | X |
| NT11 | Require developers to incorporate trees and green space on all new development sites, or otherwise create a green space/restore a habitat nearby to remain in perpetuity. No net loss of park land. | | | X |
| NT12 | Develop a District biodiversity action plan (using the biophilic cities work of Professors E.O. Wilson and Timothy Beatley). | | | X |
| NT13 | Stipulate use of native plant varieties, with preference for species with greater resilience to climate change impacts, for District plantings and landscaping. | | | X |
| NT14 | Plant trees in empty tree boxes, dramatically expanding tree planting in public spaces. | | | X |
| NT15 | Conduct species vulnerability assessment to understand impacts of climate change on key habitats. | | | X |
| NT16 | Update the Tree Preservation Act of 2002 to ensure that existing trees, if removed, are replaced. | | | X |
| NT17 | Replace street lighting with more focused, full cut-off fixtures that reduce light pollution - coordinate with streelight and recreation and field lighting retrofits. | | | X |
| NT18 | Coordinate with the Public Realm Design Manual and the Complete Streets and Green Streets initiatives to update design guidelines and management practices to help reduce the mortality rate for trees planted in streets, plazas etc. and appropriate species selection (including climate change resilience), and other requirements for planting new trees. | | | X |
| Theme 3: Parks and Access | | | | |
| NT19 | Provide park or natural space within 10 minute walk of all residents. | X | | |
| NT20 | Engage community members to become stewards of local parks/nature. | X | | |

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| NT21 | Incorporate an Environmental Literacy plan into DCPS curricula. | X | | |
| NT22 | Review existing trail network and identify new expansion opportunities to establish a DC "green belt", a bike path or scenic pedestrian route connecting users to green spaces and waterfront areas around the city. | | | X |
| NT23 | Improve transit connectivity between residential neighborhoods, parks and natural areas. | | | X |
| NT24 | Update DPR's Master Plan for District Parks and Recreation to prepare an open space plan to increase green connections and access to the rivers. | | | X |
| NT25 | Expand and roll-out DGS's Temporary Urbanism initiative to create small parks and green spaces ("parklets") in former car parking spaces in residential neighborhoods, either on a temporary or permanent permitting basis. Identify priority areas, focusing on underserved low-income areas. | | | X |
| NT26 | Continue to develop signed hiking/biking trails and boardwalks on the Potomac and Anacostia Rivers, particularly near restored stream habitats. | | | X |
| NT27 | Develop a set of indicators to assess the need for and feasibility of new park projects, taking into account demographic data, environmental factors, physical condition, community need, and support. | | | X |
| NT28 | Improve District Playgrounds - funded for fiscal year 2013. | | X | |
| Waste Draft Actions | | | | |
| Theme 1: Reduce | | | | |
| WA1 | Introduce more rigorous government procurement processes that favor environmentally preferable products and services, with a preference for local businesses. | | | X |
| WA2 | Introduce a framework for recycling of construction and demolition waste, and establish a certification program for contractors. | | | X |
| WA3 | Use Sustainable Sites Initiative (SITES) guidelines for park maintenance and eliminate grounds waste generated from Washington, D.C., parks through composting. | | | X |
| WA4 | Develop a robust waste action plan. | | | X |
| WA5 | Institute a pay-as-you-throw program that could include fee per bag/pound, fee for waste beyond normal collection. | | | X |
| WA6 | Ban or disincentivize styrofoam and non-recyclable plastic containers from food and retail outlets. | | | X |
| Theme 2: Reuse | | | | |
| WA7 | Study waste-to-energy and waste conversion technology options aside from incineration, especially taking into account long-term decline in the volume of waste available due to waste reduction efforts. | X | | X |

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| WA8 | Expand the use of anaerobic digestion and/or co-digestion for power, heat, vehicle fuels, etc. | | | x |
| WA9 | Introduce financial incentives to encourage composting or reuse of organic waste and waste oils. | | | x |
| WA10 | Establish a material recovery facility for dry waste, potentially including landscape materials exchange and organic waste-based fertilizer. | | | x |
| WA11 | Introduce a deconstruction ordinance to promote recovery and reuse of building materials. | | | x |
| WA12 | Establish or require a product stewardship program in which retailers/manufacturers take back and reuse/dispose of e-waste, paint, electronics. | | | x |
| WA13 | Introduce legislation requiring all new construction and major renovation projects to recycle and/or reuse [75%] of construction and demolition debris. | | | x |
| WA14 | Require use of recycled or salvaged building materials in new buildings to replace % of target materials (steel, concrete, bricks, gypsum, fit out, etc). | | | x |
| WA15 | Promote reuse of DC compost in urban farms within the District (closed loop system). | | | x |
| Theme 3: Recycle | | | | |
| WA16 | Provide all households with a three-track collection process (landfill, recyclables, compostable material which could be processed at a full service residential/commercial food and yard waste pickup service from DPW). | x | | x |
| WA17 | Establish a new organics transfer station in DC (either a whole new site or part of existing site). | | | x |
| WA18 | Increase the size or number of recycling bins and reduce the size or number of garbage bins in curbside pick-up. | | | x |
| WA19 | Better enforce recycling law for all businesses, residences and schools and impose fines on those who don't comply. | | | x |
| WA20 | Install recycling receptacles in public realm, especially in commercial and tourist locations (consider using high efficiency system like AWCS). | | x | x |
| WA21 | Improve regulation of private waste haulers to ensure businesses have access to cost-effective options for responsible/efficient waste management. | | | x |
| WA22 | Introduce a permitting scheme whereby contiguous businesses can share a single disposal/recycling/composting container that may be located in public space and serviced by DPW. Institute a process to review and approve business resource management plans in order to allocate permit. | | | x |
| WA23 | Develop a regulatory framework to allow on-site composting at private and public facilities, with strict rules on stormwater, aeration and leachate controls. | | | x |

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| WA24 | Introduce a glass/plastic bottle deposit law, with rebates given for recycling (i.e. a Bottle Bill). | | | x |
| WA25 | Offer incentives for residential composting and recycling at households receiving city-provided collection services (e.g. RecycleBank). | | | x |
| Transportation Draft Actions | | | | |
| Theme 1: Connectivity and Access to Transit | | | | |
| TR1 | Prioritize the expansion and enhancement of transit services, and complete at least 37 miles of new streetcar or premium bus service, like Circulator or WMATA express. | 43, 44 | | |
| TR2 | Open the first Streetcar line by 2013 and complete the environmental impact study of Streetcar lines east of the Anacostia River. | | X | |
| TR3 | Install Smart Meters in all DC taxicabs (by the end of 2012). | | X | |
| TR4 | Make transit payments more convenient and synchronized across all modes and regions and to suit multiple needs and users. | | | X |
| TR5 | Make real time commuting information more accessible and reliable to all users, including station maps, smart phone and mobile apps, traffic conditions, bikeshare station status. | | | X |
| TR6 | Expand transit service, including bus, rail and metro to more inner city activity centers and regional destinations and make more frequent and accessible to multiple users outside of just core commuting hours - nights and weekends. (Circulator Bus expansion study already completed.) | | | X |
| TR7 | Expand transit services to low income and peripheral neighborhoods (e.g. Southeast). | | | X |
| TR8 | Establish a policy to prioritize new affordable housing in walkable neighborhoods, to enable improved access to walkable amenities and public transit options for low-income households. | | | X |
| TR9 | Secure consistent funding for transit planning and improvements, including federal sources, transit revenue, traffic tickets, vehicle fuel tax, Capital Improvement Plan funds and advertising and marketing revenue. | | | X |
| TR10 | Promote use of transit through education about safety, convenience, reliability, health benefits, and reduced climate impacts. | | | X |
| TR11 | Design transportation and transit systems to be resilient to extreme weather related to climate change, including flooding, sea level rise, urban heat islands and severe storms. | | | X |
| Theme 2: Walking and Biking | | | | |
| TR12 | Improve bicycle and pedestrian connectivity through a citywide network of 80 miles of bike lanes, prioritizing east of the Anacostia River, and completing the Metropolitan Branch Trail. | 41 | | |

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| TR13 | Expand the Capital Bikeshare program by 84 stations (by the end of 2012 with the use of federal funds) and coordinate locations with regional transit services and electric car infrastructure. | | X | X |
| TR14 | Allocate some portion of District's parking revenues and budget to bicycle parking and finance the full cost of bike parking at schools, parks and post offices. | | | X |
| TR15 | Improve the design, installation and location of bike parking and infrastructure amenities by both private and public sectors, including: footrests, high capacity racks, pumps and tools and secure parking. | | | X |
| TR16 | Use city partners, WABA, to deliver bike education and safety seminars and require pedestrian and biking awareness training for public transit operators. | | | X |
| TR17 | Install innovative bike infrastructure in coordination with other jurisdictions and in locations to make bike commuting more convenient and flexible enough to meet the commuting capabilities and patterns of bikers, which could include: using alleys and Greenbelts strategically along N/S and E/W routes (with primary focus on connecting with Wards 7 and 8), segregated bike lanes along medians or elevated bike lanes along rail lines corridors. | | | X |
| TR18 | Expand the use of automated traffic enforcement to improve safety of District roadways to capture traffic conditions that threaten safety beyond speeding. | | X | |
| TR19 | Increase safety and number of bike lanes. Increase bike lane miles from 56 miles to 61 miles by the end of 2014. | | X | |
| TR20 | Develop indicators/metrics for transportation, and enhance data collection to understand actual bike/pedestrian travel characteristics. Use data to inform future improvements to facilities. | | | X |
| TR21 | Program crosswalks and traffic lights to accommodate more than flow of traffic and incorporate the needs of pedestrian and bike safety and convenience. | | | X |
| Theme 3: Less Congestion | | | | |
| TR22 | Reduce building parking minimums in zoning code amendments and increase the availability of on-street parking through citywide performance parking districts. | 42 | | X |
| TR23 | Expand and implement the Performance Based Parking program to encourage transit use and encourage higher turnover of vehicles for small retail. | | | X |
| TR24 | Encourage private businesses to offer incentives for employees who transit, walk or bike to work and reduce employee parking benefits or transfer that benefit to covering transit costs of commuting. | | | X |
| TR25 | Encourage and promote 'work from home' or telecommuting options for employees. | | | X |
| TR26 | Instate congestion fee for travel during peak hours inside Beltway or for access to downtown following London and Stockholm model and coordinate fee structure with performance parking measures. | | | X |

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| TR27 | Plan for and prepare for the quick adoption of self driving cars as technology comes to market. | | | X |
| Theme 4: Air Quality | | | | |
| TR28 | Reduce emissions from idling vehicles by installing and enforcing "No idling" signs around idling hotspots and invest in campaigns to get drivers to turn off engines. | | | X |
| TR29 | Incentivize low emission vehicles and transportation options, through reducing taxes, offering free parking, offering free toll passage and disincentivize low fuel economies through higher registration fees for gas guzzlers. | | | X |
| TR30 | Build on existing DDOT, OPW and DDOE efforts to promote fuel switching in DC fleet to switch all vehicles (cars, parking patrollers, vans, trucks, garbage trucks, and buses, etc) to biodiesel/biogas, hybrid, compressed natural gas, fuel-cell, electric or other no-or-low fossil fuel use or emissions technology (with exception to emergency and public safety vehicles as needed) | | | X |
| TR31 | Build on current DDOT and DDOE effort to expand EV charging infrastructure throughout the city, in parallel with rollout of EV vehicles. | | | X |
| TR32 | On predicted Code Red and Orange air quality days, offer incentives to avoid high-polluting, non-essential activities, e.g. free ridership on public transit to discourage use of personal automobiles, work-from-home days, etc. | | | X |
| TR33 | Use performance based parking to encourage compact, efficient, low emission vehicles. | | | X |
| TR34 | Encourage businesses to procure low emissions, clean fuel fleets and adopt cleaner transportation options for business activity. | | | X |
| TR35 | Track and report emission reductions from efforts to use less fossil fuel powered vehicles, including EV infrastructure, increased transit usage, alternative fuels and increased walking and biking per capita. | | | X |
| Water Draft Actions | | | | |
| Theme 1: Fishable and Swimmable | | | | |
| WT1 | Double the area of wetlands to create buffers & habitat corridors. | X | | |
| WT2 | Investigate innovative biological ways to improve river water quality (e.g. fresh water oyster reefs or "Living Machines" to manage stormwater). | | | X |
| WT3 | Institute a policy in District-owned and leased properties to eliminate the use of toxic chemicals (e.g. Integrated Pest Management (IPM) and organic landcare). | | | X |
| WT4 | Work with upstream jurisdictions to track the health of tributaries and to set agreed-upon limits of pollutants. | | | X |
| WT5 | Ban or restrict the use of cosmetic pesticides and chemical fertilizers. | | | X |

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| WT6 | Ban or restrict the use of salt on roads in winter. | | | x |
| WT7 | Introduce a Bluebelt system composed of streams, ponds and wetland areas that treat and detain stormwater before its release (including daylighting existing channels and creating new channels in flood prone areas). | | | x |
| WT8 | Complete a feasibility study to understand benefits, challenges and implementation logistics of nutrient/water quality trading programs to meet Enhanced Nutrient Removal targets | | | x |
| WT9 | Dredge river beds to remove pollutants [e.g. NYC harbor]. | | | x |
| Theme 2: Treating the Stormwater | | | | |
| WT10 | Install 1.5 million square feet of green roofs in the District. | x | x | |
| WT11 | 75% of landscape should filter/capture/reuse rainwater. | x | x | |
| WT12 | Increase green infrastructure jobs by 50%. | x | | |
| WT13 | Double the amount of stormwater retention/infiltration infrastructure. | x | | |
| WT14 | Prepare a District-wide Stormwater Management Plan to identify the costs and benefits of adopting source control scenarios in the streets, sidewalks, private and public buildings, and parks. Analyze the location and feasibility of source controls. Set clear, ambitious targets and deadlines for reducing stormwater runoff in the District and measure progress against targets. | | | x |
| WT15 | Increase the use of bioswales along streets, sidewalks, and bike lanes. | | | x |
| WT16 | Expand the River Smart Homes program, potentially to include property-wide implementation. | | | x |
| WT17 | Expand the green alley pilot program to pursue aggressive stormwater management in streetscapes. | | | x |
| WT18 | Study the feasibility of blue roof systems or rooftop detention to release stormwater more slowly to sewers. | | | x |
| WT19 | Establish pervious surface maximums for each zoning district. | | | x |
| Theme 3: Saving Water | | | | |
| WT20 | Adopt building codes that raise the standard for water efficiency in existing buildings. | | | x |
| WT21 | Review existing building codes, laws and regulations to ensure they do not prohibit the use of gray water or rainwater collection and reuse systems (e.g. permitting issues with DDOT). Adapt any regulations that conflict. | | | x |
| WT22 | Expand the Low Impact Development (LID) program to include removal of impervious surfaces for replacement with pervious surfaces such as permeable paving and green infrastructure. Focus effort on converting the largest paved areas (e.g., largest parking lots). | | | x |
| WT23 | Upgrade stormwater infrastructure on District properties, to ensure that they can store their own stormwater on the site. | | | x |

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| WT24 | Establish or support a district distribution and storage network for high-grade reclaimed water. | | | x |
| WT25 | Require District parks and public green spaces to use appropriate plants (e.g. Sustainable Sites Initiative (SITES) model) | | | x |
| WT26 | Develop incentives for high efficiency landscaping and water fixtures (e.g. waterless urinals, composting toilets). | | | x |
| WT27 | Install or expand water-efficiency and monitoring technology such as sub-metering, leak detection, and water pressure regulation. | | | x |
| WT28 | Enhance maintenance and repair programs for water and waste/stormwater infrastructure, to more aggressively avoid leaks. | | | x |
| Engagement Draft Actions | | | | |
| Theme 1: AWARENESS | | | | |
| EG1 | Create peer group stewards to help deliver Sustainable DC initiatives, including: elderly, youth, churches, community groups and non-profits. | | | X |
| EG2 | Organize neighborhood based Sustainable DC activities, including competitions, volunteer activities, to help bring sustainability goals into neighborhoods and make them sources of community pride. | | | X |
| EG3 | Disseminate sustainability information in useful and creative ways to reach community members where they are, such as art installations, community hubs, mobile apps, a central repository or Green Pages that focus on green services, products and businesses. | | | X |
| EG4 | Engage local celebrities and athletes in the District to assist in funding and publicizing stewardship efforts | | | X |
| EG5 | Develop a single District report card, to be displayed on the DC website to show progress towards the specified goals/targets | | | X |
| EG6 | Launch online platforms that are accessible and usable for targeted groups, youth, business owners, home owners, who modify and operate website content fit their needs. | | | X |
| EG7 | DC Government develops an online database of publically funded, green building projects that use green CBE vendors and/or GBEs. | | | |
| Theme 2: EDUCATION TOWARD GREEN JOBS | | | | |
| EG8 | Partner with an education provider to offer a certification program in sustainability to allow teachers to receive advanced knowledge in this growing field while better equipping them to bring this information to their students. | | | X |
| EG9 | Appoint a Sustainability Coordinator in every school, to lead operational and curriculum-based sustainability initiatives. | | | X |
| EG10 | Incorporate green entrepreneurship into school curriculum through school-level business competitions, starting from middle school upwards. | | | X |
| EG11 | Develop green career roadmaps and create education/training pipelines geared to specific industries/employers at different skill levels | | | X |

| ID# | Action | SDC Vision | One City | Working Groups |
|---|--|------------|----------|----------------|
| EG12 | Establish performance benchmarks for job training providers. | | X | |
| EG13 | Improve quality and focus of job training. Train local non-profit organizations to deliver effective employment services. | | X | |
| EG14 | Expand the use of 'on the job' training initiatives to get people back to work who have been unemployed for long stints. | | X | |
| EG15 | Launch a "Workforce Intermediary" to develop targeted workforce development strategies. | | X | |
| EG16 | Increase the percentage of youth who attain a college degree or industry-recognized license/certification. | | X | |
| EG17 | Green collar jobs initiative set up by DOES and OP to identify and promote green job potentials in upcoming projects, regulations and programs - GBA, MS4, Long Term Control, GB Codes, for example. | | | |
| Governance Draft Actions | | | | |
| Theme 1: Enabling Infrastructure | | | | |
| GV1 | Better promote government grants and policies. | | | X |
| GV2 | Develop innovative public-private partnerships to assist with fundraising, technical expertise, community engagement, and research. | | | X |
| GV3 | Develop a green enterprise district in regeneration zones to promote low carbon businesses and draw in investment for low carbon technologies (e.g. London). | | | X |
| GV4 | Create a state revolving fund that is dedicated to Sustainable DC initiatives, particularly startups and local coop businesses (e.g. Cleveland model). | | | X |
| GV5 | Establish a preferred/quicker permitting process for establishing green businesses. | | X | X |
| GV6 | Provide market space for social investment companies and financing, including: CAPCO financing to seed green entrepreneurs, angel investor networks, B-Corporations and social impact investment markets. | | | X |
| GV7 | Develop a public-private entity (i.e. a trust) with ability to accept donations and fundraise for Sustainable DC. | | | X |
| GV8 | Offer economic incentives to local businesses operating in the sustainability field, to hire and train DC residents. | | | X |
| GV9 | Review and remove economic incentives that discourage sustainability initiatives. | | | X |
| GV10 | Expand the DC Tech Incentive Program through legislation, introduced by the Mayor, to make it easier to invest in, attract and retain tech businesses and reduce the cost of doing business for high tech companies. | | X | |
| GV11 | Allow temporary urbanism to use underused spaces as venues with short term leases to enable small businesses and local retail. | | X | |
| Theme 2: Governance | | | | |

| ID# | Action | SDC Vision | One City | Working Groups |
|------------------------------|---|------------|----------|----------------|
| GV12 | Implement grade.dc.gov to improve customer service to District residents. | | X | |
| GV13 | Institute government-wide ethics pledge and training among all District Government employees. | | X | |
| GV14 | Identify existing and proposed laws, regulations and policies that conflict with or obstruct sustainability goals. | | | X |
| GV15 | Review public sector operations to identify weaknesses and develop performance metrics in order to help meet sustainability goals. | | | X |
| GV16 | Implement a business regulatory reform task force to streamline business regulations. | | X | |
| GV17 | Research and monitor the real impacts of Sustainable DC initiatives as well as the sustainability impact of current agency operations. Make sustainability related data publically available. | | | X |
| GV18 | Create Sustainable DC Office and staff positions to implement the plan within the government and throughout the community, and track progress. | | | X |
| GV19 | Mandate District government's commitment to Sustainable DC goals, through executive orders, codified goals, and agency mandates to require long-term governmental commitment to achieving Sustainable DC goals. | | | X |
| GV20 | As Sustainable DC initiatives are implemented, mandate consistent government reporting on publically available platforms and catalogues. | | | X |
| Theme 3: Partnerships | | | | |
| GV21 | Build cross-agency partnerships to ensure buy-in to the same goals/targets/actions, and to share resources across departments so that sustainability actions can be delivered efficiently. | | | X |
| GV22 | Expand on the Mayor's Pledge with universities, to develop partnering programs for research and delivery of Sustainability projects. | | | X |
| GV23 | Leverage procurement practices of local anchor institutions, like educational and medical services, to create local markets for green enterprise, products and services. | | | X |

NOTE: Bright green highlight means required in plan