



SUSTAINABLE DC PLAN

WHAT IS SUSTAINABLE DC?

Sustainable DC is a District Government-led plan to make the city the healthiest, greenest, and most livable city in the United States. It is a citywide initiative crafted for and by the city's diverse community with the ultimate goal of making DC more socially equitable, environmentally responsive, and economically prosperous.

BY 2032, *the District will be the healthiest, greenest, most livable city in the nation by using sustainability solutions to address core challenges.*



JOB & THE ECONOMY: **3x** as many small businesses, **5x** as many jobs providing green goods and services.



HEALTH & WELLNESS: Cut the citywide obesity rate by **50%**; require ALL new housing to meet “Healthy by Design” standards.



EQUITY & DIVERSITY: Teach **50%** of DC children about sustainability; expose **100%** of District residents to Sustainable DC events and initiatives in their neighborhoods.



CLIMATE & ENVIRONMENT: Reduce greenhouse gas emissions by **50%**; plan for climate change impacts.





BUILT ENVIRONMENT:

Increase the population with

250,000 new
20

residents; variety of amenities within

minute walk; new construction and existing big

buildings are net-zero



NATURE: Increase area of wetlands

by **50%**; **40%**

tree canopy across the city; parks or

natural space within **10** minute walk of

all residents



TRANSPORTATION: Increase

use of public transit, biking, and

walking to **75%** of all

commuter trips; reduce commuter trips by car

to **25%**; and achieve **ZERO**

unhealthy air quality days



ENERGY: Cut citywide energy

use by **50%**; increase

the use of renewable energy by

50%; reduce annual power outages

across the city



FOOD: **20** more acres of
land growing food; **75%** of

residents within a **1/4** mile of healthy, local

food; **25%** of the District's food from

within a **100** mile radius of the city



WASTE: Send **ZERO**

solid waste to landfills; reduce total

waste generation by **15%**; reuse

20% of construction and demolition

waste; and increase waste diversion rate to

80%.



WATER: **100%** of District waterways fishable and swimmable; use

75% of our landscape to capture rainwater for filtration or reuse.

ACTIONS SUMMARY



GOVERNANCE

GOAL 1: Expand District government leadership to implement the Sustainable DC plan.

- 1.1** Dedicate District government staff and funding to implement the Sustainable DC plan, track progress, and make results publicly available.
- 1.2** Implement a process to collect, analyze, and report data to ensure progress toward goals and targets by prescribed dates.
- 1.3** Identify existing laws, regulations, and policies that conflict with sustainability goals and areas where new authority is required.
- 1.4** Expand public/private collaboration to meet sustainability goals.
- 1.5** Expand sector-based sustainability pledges and challenges to promote adoption of sustainable practices.
- 1.6** Continue annual “Budget Challenge” competition for innovative sustainability projects within District government.



JOBS & THE ECONOMY

Goal 1: Grow and diversify DC’s business sectors for sustained economic prosperity.

Target: By 2032, develop 3 times as many small District-based businesses.

- 1.1** Complete a review of regulatory reform options to make it easier to do business in the District.
- 1.2** Formally recognize corporations that meet independent social and environmental performance standards.
- 1.3** Use anchor institutions to create local markets for sustainable enterprises.

Goal 2: Expand the number and range of jobs available to District residents and ensure access to new jobs through appropriate skills training.

Target: By 2032, cut citywide unemployment by 50% and increase by 5 times the number of jobs providing green goods and services.

- 2.1** Improve integration of sustainable jobs training into school curricula to expose schoolchildren to new careers.
- 2.2** Partner with the Workforce Investment Council to develop targeted workforce development strategies.

| | TIMEFRAME | LEAD AGENCY | PARTNER AGENCIES |
|--|-----------|-------------|---|
| | Short | EOM | DDOE, OP |
| | Short | EOM | DDOE, OP |
| | Short | DDOE | DDOE, OP, DCRA, DOES, DPW, DC Water, DDOT, DSLBD, DGS |
| | Short | EOM | DDOE, OP |
| | Short | DDOE | EOM, OP, Office of Religious Affairs, Office of Neighborhood Engagement, Community Partners |
| | Medium | OP | All District government |

| | TIMEFRAME | LEAD AGENCY | PARTNER AGENCIES |
|--|-----------|-------------|-----------------------------|
| | Short | DSLBD | DCRA, DMPED, DDOE, OP, DOES |
| | Medium | DSLBD | DCRA, DMPED, DDOE, OP |
| | Medium | OCP | EOM, DDOE, OP |
| | | | |
| | Short | DCPS | DDOE, DOES |
| | Short | DOES | DMPED |



HEALTH & WELLNESS

Goal 1: Inspire healthy, active lifestyles for all residents, regardless of income, ability, or employment.

Target: By 2032, cut the citywide obesity rate by 50%.

1.1 Expand public park access and programming to promote healthy lifestyles through physical exercise.

1.2 Invest in a public health campaign to promote the benefits of healthy eating and active living.

Goal 2: 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.

2.1 Develop a “Healthy by Design” program for new affordable housing projects, with priority focus in low-income and underserved neighborhoods.

2.2 Complete a feasibility study to understand the environmental, economic, and social barriers to healthy lifestyles that are specific to the District.



EQUITY & DIVERSITY

Goal 1: Ensure that all school-age children in the District are educated in sustainability and prepared for a changing green economy.

Target: By 2032, Teach at least 50% of children in the District about sustainability concepts.

1.1 Modernize all public school buildings.

1.2 Increase the quality and number of Early Childhood Development Centers.

1.3 Launch the implementation of the Environmental Literacy Plan (ELP) in school curriculum.

Goal 2: Ensure transparency in the District’s sustainability agenda including future plans and past progress.

Target: By 2032, expose 100% of District residents to Sustainable DC events and initiatives in their neighborhood.

2.1 Reach community members in their daily lives with sustainability information.

2.2 Feature the actions and impacts of residents and local community leaders in public sustainability campaigns.



CLIMATE & ENVIRONMENT

Goal 1: Minimize the generation of greenhouse gas emissions from all sources.

Target: By 2032, reduce greenhouse gas emissions by 50%.

1.1 Create online tools that allow people to view and share greenhouse gas emissions data and make more informed choices.

1.2 Create financial tools that support climate protection programs by capturing the environmental costs of products and services.

1.3 Report District emissions on a regular basis to track the reductions that can be attributed to specific initiatives.

| | TIMEFRAME | LEAD AGENCY | PARTNER AGENCIES |
|--|-----------|-------------|---------------------|
| | Short | DPR | DOH |
| | Short | DOH | DPR, DCPS, DSLBD |
| | | | |
| | Medium | DCHA | DHCD, DOH, DDOE, OP |
| | Short | DOH | OP |

| | TIMEFRAME | LEAD AGENCY | PARTNER AGENCIES |
|--|-----------|-------------|------------------|
| | Medium | DGS | DCPS |
| | Short | DME | OSSE, DCPS |
| | Short | DDOE | OSSE, DCPS |
| | | | |
| | Short | EOM | DDOE, OP |
| | Short | EOM | DDOE, OP |

| | TIMEFRAME | LEAD AGENCY | PARTNER AGENCIES |
|--|-----------|-------------|------------------|
| | Short | DDOE | OCTO |
| | Short | DDOE | OCTO, OP |
| | Short | DDOE | DGS, DPW |



CLIMATE & ENVIRONMENT (CONTINUED)

Goal 2: 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.

- 2.1 Evaluate the vulnerability of the District's energy infrastructure to the anticipated impacts of climate change.
- 2.2 Prepare District emergency services to respond to severe climate-related events such as extreme heat, storms, and flooding.
- 2.3 Require adaptation solutions as part of planning consent for new developments.
- 2.4 Ensure transportation infrastructure can withstand the upper ranges of projected climate change impacts.



BUILT ENVIRONMENT

Goal 1: 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.











- 1.1 Increase affordable housing in the District.
- 1.2 Expand brownfield redevelopment incentives and certification programs.
- 1.3 Reduce required parking minimums and restrict surface parking for large developments.
- 1.4 Modify zoning regulations to allow accessory dwellings such as apartments over garages or in basements.

Goal 2: 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.

- 2.1 Ease permitting requirements for temporary arts, community, and business uses.
- 2.2 Create a government-backed revolving loan fund to support new businesses with a priority for those developed by District residents.
- 2.3 Convert five vacant buildings into permanent cultural or business incubation centers.
- 2.4 Triple the number of Live Near Your Work grants.
- 2.5 Locate new affordable housing in walkable neighborhoods.
- 2.6 Implement the Southwest Ecodistrict Initiative and Maryland Avenue Small Area Plan.

| | TIMEFRAME | LEAD AGENCY | PARTNER AGENCIES |
|--|-----------|-------------|---------------------|
| | Short | DDOE | OP |
| | Medium | HSEMA | MPD, DCFD, DDOE, OP |
| | Medium | OP | DDOE |
| | Long | DDOT | DDOE, OP, DGS |

| ADDRESSES CHALLENGES | TIMEFRAME | LEAD AGENCY | PARTNER AGENCIES |
|---|-----------|-------------|------------------|
|  | Long | EOM | OP, DCHD, DCHA |
|  | Long | DDOE | DMPED |
|  | Short | OP | DDOT |
|  | Short | OP | |
| | | | |
|  | Short | DCRA | OP |
|  | Medium | DSLBD | |
|  | Long | DMPED | DGS, DHCD |
|  | Medium | OP | |
|  | Long | DHCD | DCHFA, DMPED |
|  | Long | OP | DDOE, DMPED |



BUILT ENVIRONMENT (CONTINUED)

Goal 3: 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.

3.1 Rehabilitate all public housing to be green, healthy, and capable of meeting net-zero energy standards.

3.2 Eliminate environmental health threats such as mold, lead, and carbon monoxide in at least 50% of the District's affordable housing.

3.3 Expand existing programs to train 100 District residents in the latest green construction skills.

3.4 Build public-private partnerships to expand best practices for building operations and maintenance.

3.5 Retrofit and modernize all public buildings to at least the LEED Gold standard or equivalent green building certification.

Goal 4: 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.

4.1 Update the Green Building Act to require higher levels of LEED certification.

4.2 Provide incentives for new building projects to achieve at least the LEED Gold standard certification or equivalent.

4.3 Incorporate best practice sustainability principles into neighborhood planning.

4.4 Adopt the latest green construction codes for all new construction and major renovations.

4.5 Require all new buildings to be net-zero or net-positive.



ENERGY

Goal 1: Improve the efficiency of energy use to reduce overall consumption.

Target: By 2032, cut citywide energy use by 50%.

1.1 Require building energy audits and disclosure of energy performance.











1.2 Establish Minimum Energy Performance Standard for buildings, phased in by building size.







1.3 Replace all street and public lighting with high-efficiency fixtures.

1.4 Fund \$500 million of renewable energy and efficiency retrofits.

1.5 Complete a Comprehensive Energy Plan by 2014.

1.6 Launch a citywide educational campaign to lower citywide energy use.

| ADDRESSES CHALLENGES | TIMEFRAME | LEAD AGENCY | PARTNER AGENCIES |
|---|-----------|-------------|------------------|
|  | Long | DCHA | DHCD |
|  | Medium | DDOE, DHCD | DOH |
|  | Medium | DOES | DMPED, DSLBD |
|  | Long | DGS | DDOE |
|  | Long | DGS | DDOE |
| | | | |
|  | Medium | DDOE | EOM |
|  | Medium | DMPED | DDOE |
|  | Short | OP | |
|  | Short | DCRA | DDOE, DGS |
|  | Long | DDOE | EOM |

| ADDRESSES CHALLENGES | TIMEFRAME | LEAD AGENCY | PARTNER AGENCIES |
|---|-----------|-------------|------------------|
|  | Long | EOM | DDOE |
|  | Long | EOM | DC SEU |
|  | Short | DDOT | DGS, DCPS |
|  | Medium | DDOE | DC SEU |
|  | Short | DDOE | |
|  | Short | DDOE | DCPS |



ENERGY (CONTINUED)

Goal 2: 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.

2.1 Introduce legislation to reduce fossil fuel-based power use.

2.2 Complete a feasibility study to identify opportunities for neighborhood-scale renewable energy systems.

2.3 Build 1,000 additional residential and commercial renewable energy projects.

2.4 Allow community solar and renewable energy systems through legislation.

2.5 Develop a wind farm in the region to power District government and private facilities.

Goal 3: 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.

3.1 Develop a plan for citywide rollout of smart meters and smart grid infrastructure.

3.2 Work with utility companies to improve the reliability of energy transmission and distribution.

3.3 Modernize electricity infrastructure to enable expansion of local energy generation projects.

3.4 Work with local educational and workforce development institutions to train District residents for work in the renewable energy and energy efficiency industry.



FOOD

Goal 1: Increase agricultural land uses within the District.

Target: By 2032, put 20 additional acres of land under cultivation for growing food.










1.1 Adopt the Sustainable Urban Agriculture Act and zoning amendments for expanded urban agriculture.






1.2 Streamline the process to find and use land for community agriculture projects.

1.3 Install educational gardens at 50% of DC Public Schools.

1.4 Develop orchards or other food-producing landscaping on 5 acres of DC's public spaces.

1.5 Develop permitting for pop-up agriculture.

| ADDRESSES CHALLENGES | TIMEFRAME | LEAD AGENCY | PARTNER AGENCIES |
|---|-----------|-------------|-----------------------|
|  | Long | DDOE | |
|  | Short | DDOE | |
|  | Medium | DDOE | |
|  | Short | DDOE | |
|  | Long | DDOE | |
| | | | |
|  | Medium | DDOE | PEPCO, Washington Gas |
|  | Medium | DDOE | PEPCO, Washington Gas |
|  | Medium | PEPCO | |
|  | Short | DOES | DMPED, DSLBD |

| ADDRESSES CHALLENGES | TIMEFRAME | LEAD AGENCY | PARTNER AGENCIES |
|---|-----------|-------------|---------------------|
|  | Short | DDOE | EOM, OP |
|  | Long | OP | DGS |
|  | Medium | DCPS | OSSE, DME, DDOE |
|  | Long | DGS | DDOT UFA, DCPS, DPR |
|  | Short | DCRA | OP |



FOOD (CONTINUED)

Goal 2: 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.

2.1 Expand the DC Healthy Corner Store initiative.

2.2 Introduce fresh food circulators and mobile vendors in neighborhoods with poor access to fresh foods.

2.3 Expand the Double Dollars program to farmers' markets and corner stores citywide.

2.4 Incorporate best practices in healthy and local menus in all DC Public Schools.

2.5 Increase transparency about the nutritional content of food.

2.6 Develop cooperative food purchasing systems.

Goal 3: 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.

3.1 Complete a comprehensive study of DC food supply systems.

3.2 Create a Local Food Hub for consolidation and distribution of local produce.

3.3 Develop small business food processing incubator center in DC.

3.4 Permit incidental sales of food from community gardens.

3.5 Designate staff to actively participate in a new Food Policy Council.

3.6 Increase government and institutional procurement of local foods.



NATURE

Goal 1: Protect and restore wetlands, waterways, and aquatic ecosystems.

Target: By 2032, increase the acreage of wetlands along the Anacostia and Potomac Rivers by 50%.













1.1 Work with the National Park Service to update open space guidelines and management policies.






1.2 Develop an Urban Wetland Registry to facilitate restoration or creation of wetland habitat.

1.3 Plant and maintain an additional 140 acres of wetlands along the Anacostia and Potomac Rivers and smaller streams.

1.4 Require new waterfront developments and renovations to incorporate Low Impact Development strategies.

1.5 Implement a Fisheries Management Plan to restore DC's native fisheries.

| ADDRESSES CHALLENGES | TIMEFRAME | LEAD AGENCY | PARTNER AGENCIES |
|---|-----------|-------------|------------------|
|  | Medium | DOH | DCCK, KP, OP |
|  | Medium | DOH | DCRA |
|  | Medium | DOH | OP |
|  | Medium | DCPS | DME |
|  | Long | DOH | EOM |
|  | Medium | Community | DDOE, OP |
| | | | |
|  | Short | OP | DOH |
|  | Medium | DMPED | OP, DSLBD, DCRA |
|  | Short | DSLBD | DMPED, OP, DOES |
|  | Short | OP | DCRA |
|  | Short | OP | DOH |
|  | Short | OCP | DCPS |

| ADDRESSES CHALLENGES | TIMEFRAME | LEAD AGENCY | PARTNER AGENCIES |
|---|-----------|-------------|------------------|
|  | Long | DDOE | NPS |
|  | Medium | DDOE | DPR |
|  | Long | DDOE | NPS, USACE |
|  | Medium | DDOE | OP |
|  | Medium | DDOE | |



NATURE (CONTINUED)

Goal 2: 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.

- 2.1 Plant 8,600 new trees citywide per year until 2032.
- 2.2 Replace 75% of public lighting with fixtures that reduce light pollution.
- 2.3 Create a connectivity map to guide development of viable habitats throughout the District.
- 2.4 Require trees and green space on all new development sites.
- 2.5 Stipulate use of native plant varieties for District government plantings and landscaping.

Goal 3: 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.

- 3.1 Prepare an open space plan to increase residential connections to green space and the rivers.
- 3.2 Expand the formal trail network for hiking and biking.
- 3.3 Renovate and improve all District playgrounds.
- 3.4 Improve transit linkages to parks and natural areas.
- 3.5 Create small parks and green spaces in areas with inadequate open space.

















TRANSPORTATION

Goal 1: 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.

- 1.1 Complete 37 miles of streetcar networks.
- 1.2 Improve transit connections to employment and activity centers from underserved areas.
- 1.3 Define and secure permanent funding for transit planning and improvements.
- 1.4 Design transit systems for resilience to extreme weather events.

| ADDRESSES CHALLENGES | TIMEFRAME | LEAD AGENCY | PARTNER AGENCIES |
|---|-----------|-------------|------------------------------|
|  | Short | DDOT UFA | DDOE, DGS, DCPS, Casey Trees |
|  | Long | DDOT | DPR, DGS |
|  | Short | DDOE | |
|  | Medium | OP | DDOE |
|  | Medium | DDOT UFA | DGS, DCPS, DDOE |
| | | | |
|  | Short | DPR | OP, DGS |
|  | Medium | DDOT | DDOT, DPR |
|  | Short | DPR | DCPS |
|  | Long | DDOT | DPR |
|  | Short | DGS | DPR |

| ADDRESSES CHALLENGES | TIMEFRAME | LEAD AGENCY | PARTNER AGENCIES |
|---|-----------|-------------|------------------|
|  | Long | DDOT | WMATA |
|  | Medium | DDOT | |
|  | Long | DDOT | WMATA |
|  | Medium | DDOT | DDOE |



TRANSPORTATION (CONTINUED)

Goal 2: Expand provision of safe, secure infrastructure for cyclists and pedestrians.

Target: By 2032, increase biking and walking to 25% of all commuter trips.

2.1 Develop a citywide, 100 mile bicycle lane network.

2.2 Expand the Capital Bikeshare program by 200 stations.

2.3 Partner with community organizations to deliver bike and pedestrian safety education.

2.4 Collect data to improve understanding of cyclist and pedestrian travel patterns.

2.5 Program crosswalks and traffic lights for improved safety and convenience of pedestrians and cyclists.

Goal 3: Reduce traffic congestion to improve mobility.

Target: By 2032, reduce commuter trips made by car or taxi to 25%.

3.1 Implement an expanded Performance-Based Parking program.

3.2 Expand car-sharing programs to low-income residents using financial tools.

3.3 Encourage private businesses to offer incentives for employee travel by transit, walking, or biking.

3.4 Encourage and promote telecommuting and alternative work schedules for employees.

3.5 Study the feasibility of a regional congestion fee for travel during peak hours.

Goal 4: Improve air quality along major transportation routes.

Target: By 2032, eliminate all “unhealthy” air quality index days, including “unhealthy for sensitive groups.”

4.1 Strictly limit idling engines.

4.2 Require District government, and encourage private businesses, to purchase clean fuel, low-emission fleet vehicles.

4.3 Expand electric vehicle charging infrastructure throughout the city.

4.4 Offer incentives to avoid driving and other emission-generating activities on predicted Code Red and Orange air quality days.

4.5 Track and report mileage data from clean fuel, low-emission, and electric vehicles.

| ADDRESSES CHALLENGES | TIMEFRAME | LEAD AGENCY | PARTNER AGENCIES |
|---|-----------|-----------------|--------------------------------|
|  | Medium | DDOT | OP |
|  | Medium | DDOT | WMATA |
|  | Short | DDOT | WABA |
|  | Short | DDOT | OP |
|  | Medium | DDOT | |
| | | | |
|  | Short | DDOT | |
|  | Short | DDOT | DMPED |
|  | Medium | DDOE, OP | Community Partners |
|  | Short | DDOT | Community Partners |
|  | Short | DDOT, OP, MWCOG | |
| | | | |
|  | Short | DDOE | MPD |
|  | Long | EOM | DGS, DDOT, DPW, MPD, DCFD, OCP |
|  | Medium | DDOE | DGS |
|  | Medium | EOM | DMPED, DDOT, WMATA |
|  | Long | DDOE | DMV, DDOT |



WASTE

Goal 1: 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%.

1.1 Develop a robust Waste Action Plan with the objective of decreasing all citywide waste streams.

1.2 Introduce a Pay-As-You-Throw pricing structure for waste collection services.

1.3 Ban Styrofoam and non-recyclable plastic containers from food and retail outlets.

1.4 Introduce a bottle deposit law.

1.5 Implement Sustainable Sites Initiative (SITES) guidelines for park maintenance.

1.6 Allow nearby businesses to share containers for landfill waste, recycling, and composting.

Goal 2: Reuse materials to capture their economic value.

Target: By 2032, reuse 20% of all construction and demolition waste.

2.1 Establish a District product stewardship program.

2.2 Introduce construction waste management requirements.

2.3 Require the use of recycled and salvaged building materials.

2.4 Complete a waste life cycle study.

2.5 Reuse 50% of biosolids treated in the District.

Goal 3: Increase the citywide recycling rate.

Target: By 2032, achieve a total waste diversion rate (recycling, composting, and conversion) of 80%.

3.1 Provide all households with a three-track waste collection process.

3.2 Establish a new organics transfer station in the District.

3.3 Increase the size of recycling bins.

3.4 Increase recycling receptacles in the public realm.

3.5 Provide incentives for residential composting and recycling.

| ADDRESSES CHALLENGES | TIMEFRAME | LEAD AGENCY | PARTNER AGENCIES |
|---|-----------|-------------|------------------|
|  | Medium | DPW | DDOE, OP |
|  | Long | DPW | DDOE |
|  | Medium | DDOE | DPW, EOM |
|  | Long | DDOE | DPW, EOM, MWCOG |
|  | Medium | DPR | DGS |
|  | Short | DCRA | DPW, DDOE |
| | | | |
|  | Long | DPW | |
|  | Medium | DDOE | DPW, DGS, DCRA |
|  | Long | DDOE | DPW |
|  | Short | DPW | |
|  | Short | DC Water | |
| | | | |
|  | Long | DPW | DDOE |
|  | Short | DPW | DDOE, OP |
|  | Medium | DPW | DDOE |
|  | Long | DPW | DDOE, OP, BIDs |
|  | Medium | DDOE | OP |



WATER

Goal 1: Improve the quality of waterways to standards suitable for fishing and swimming.

Target: By 2032, make 100% of District waterways fishable and swimmable.

1.1 Field test innovative technologies to improve river water quality.

1.2 Restrict the use of cosmetic pesticides and chemical fertilizers.

1.3 Restrict the use of harmful salts on roads in winter.

1.4 Study the feasibility of implementing nutrient and water quality trading programs.

Goal 2: 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.

2.1 Install 2 million new square feet of green roofs.

2.2 Increase the use of green infrastructure along public rights of way.

2.3 Double the number of homes participating in the RiverSmart Homes program.

2.4 Build 25 miles of green alleys.

2.5 Establish pervious surface minimums for targeted zoning districts.

Goal 3: Reduce demands for potable water and increase rainwater reuse.

Target: By 2032, decrease total water use by 40%.








3.1 Update water-efficiency standards in District building codes.

3.2 Revise building codes to allow the use of alternative water systems.

3.3 Expand use of neighborhood-scale water collection networks.

3.4 Develop incentives for water-efficiency measures in landscaping and building design.

3.5 Expand the use of water monitoring technologies.

| ADDRESSES CHALLENGES | TIMEFRAME | LEAD AGENCY | PARTNER AGENCIES |
|---|-----------|-------------|------------------|
|  | Medium | DDOE | |
|  | Medium | DDOE | |
|  | Medium | DDOE | |
|  | Short | DDOE | |
| | | | |
|  | Medium | DDOE | Community |
|  | Short | DDOT | DDOE, DC Water |
|  | Medium | DDOE | |
|  | Long | DDOT | DDOE, PEPCO |
|  | Short | OP | DDOE |
| | | | |
|  | Short | DCRA | DDOE |
|  | Short | DCRA | DGS, DDOE |
|  | Long | DDOE | OP |
|  | Long | DDOE | |
|  | Long | DDOE | DCRA |

DC

ACCESS ABILITY

DC

MOVE ABILITY

DC

FISH ABILITY

DC

WALK ABILITY

DC

CONSERVE ABILITY

DC

SWIM ABILITY

DC

DC

RECYCLE ABILITY

DC

COMPOST ABILITY

DC

PLAY ABILITY

DC

FISH ABILITY

DC

DC

LIVE ABILITY

DC

PLAY ABILITY

DC

CONSERVE ABILITY

DC

EMPLOY ABILITY

DC

RENEW ABILITY

DC

DC

RECYCLE ABILITY

DC

WORK ABILITY

DC

RENEW ABILITY

DC

PLAY ABILITY

DC

WALK ABILITY

DC

ACCESS ABILITY

DC

LIVE ABILITY

DC

FLEX ABILITY



FROM MAYOR VINCENT C. GRAY

Washington, DC is a rapidly changing city. Construction cranes dot the skyline, new families are joining longtime residents in vibrant neighborhoods, and emerging businesses are adding new services and jobs. With this change comes the opportunity to grow our economy, create new jobs, and ensure that our children and grandchildren have the same or better quality of life than we enjoy today.

The Sustainable DC implementation plan faces our challenges in creating jobs and economic growth, improving health and wellness, increasing equity and opportunity, and protecting our environment and climate.

Based on broad public input, forward-thinking agencies, and best global practices, the plan offers specific solutions in the built environment, energy, food, nature, transportation, waste, and water to face our challenges.

The plan is the playbook that our team—city government, private sector, and residents—will use to move from vision to reality. We need everyone to take part; individual actions can—and will—add up to big change.





Mayor Vincent C. Gray

A VISION FOR A SUSTAINABLE DC...

In just one generation—20 years—the District of Columbia will be the healthiest, greenest, and most livable city in the United States. An international destination for people and investment, the District will be a model of innovative policies and practices that improve quality of life and economic opportunity. We will demonstrate how enhancing our natural and built environments, investing in a diverse clean economy, and reducing disparities among residents can create an educated, equitable and prosperous society.

For more information and to get involved,
please visit: www.sustainable.dc.gov. Please feel free
to email sustainable.future@dc.gov or call
(202) 442-7600 with questions.