

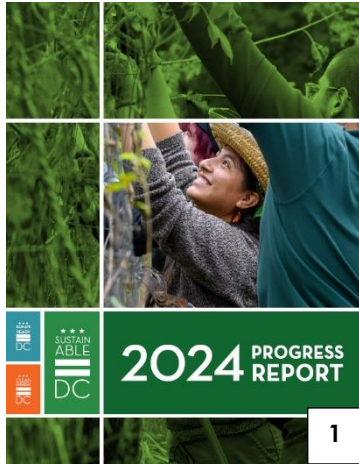


## **Sustainable DC Progress Report Photo Credits**

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## 2024 Progress Report



1. Vinicio Linares



2. Department of Energy and Environment

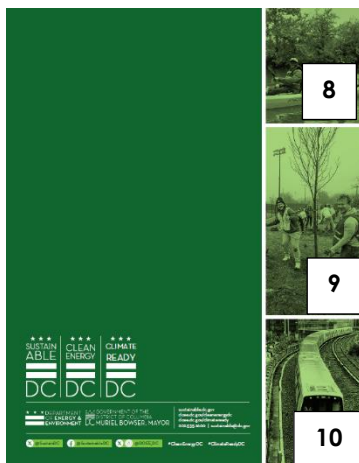
3. Erin Garnaas-Holmes

4. Vinicio Linares

5. Vinicio Linares

6. Office of the Clean City

7. Vinicio Linares



8. Oana Leahu-Aluas

9. Washington Spirit

10. Washington Metropolitan Area Transit Authority



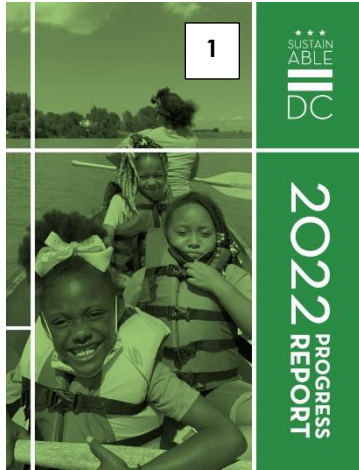


8. BeyondDC

9. Erin Garnaas-Holmes

10. Vinicio Linares

# 2022 Progress Report



1. Department of Parks and Recreation



2. Stephen Gyor

3. Department of Parks and Recreation

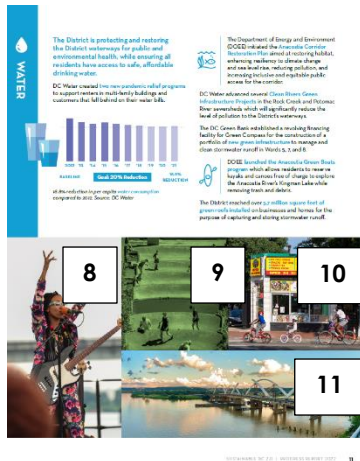
4. 5th Element



5. Conrado Muluc for Empower DC

6. BeyondDC

7. Victoria Pickering

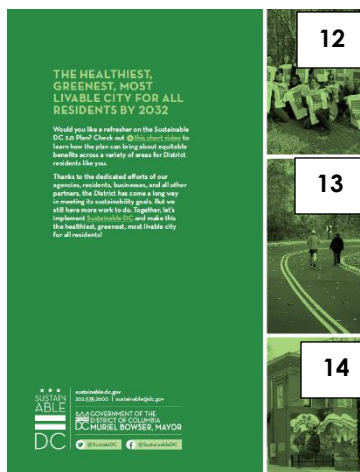


8. Office of Planning

9. Angela N.

10. Mike Maguire

11. Department of Energy and Environment

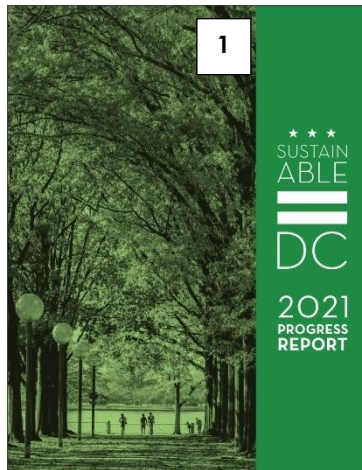


13. Naaz Tung, 2021-2022 White House Fellows Class

14. Vinicio Linares

15. Vinicio Linares

# 2021 Progress Report



1. Victoria Pickering



2. John Brighenti

3. Miki Jourdan

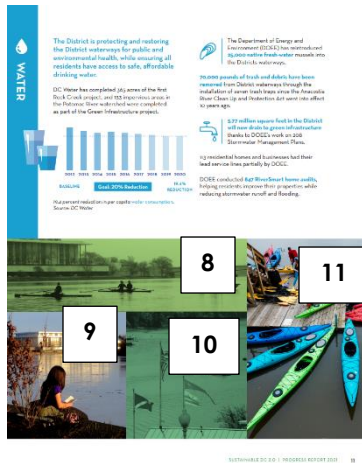
4. Jeff Vincent



5. Elvert Barnes

6. Ted Eytan

7. Baker County Tourism Travel



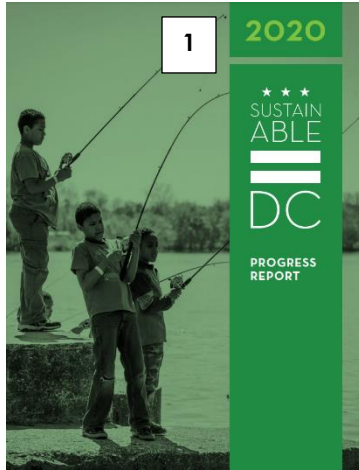
- 8. Jeff Vincent
- 9. Jeff Vincent
- 10. Jeff Vincent
- 11. Chesapeake Bay Program



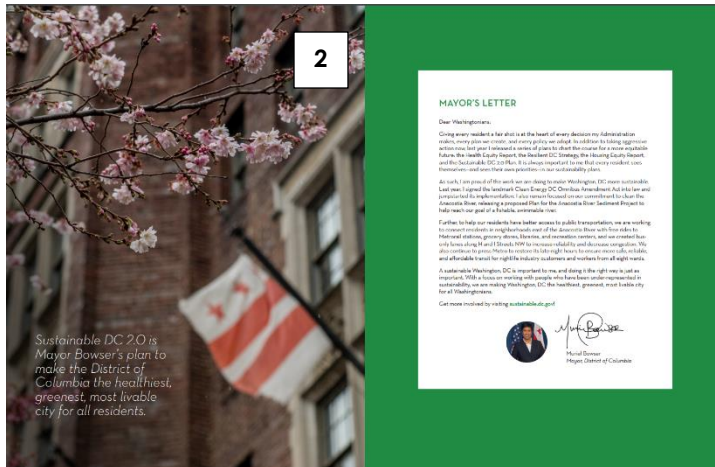
- 12. Joe Flood
- 13. Unknown



# 2020 Progress Report



## 1. Jeff Salmore



## 2. Angela N.



## 3. Ted Eytan

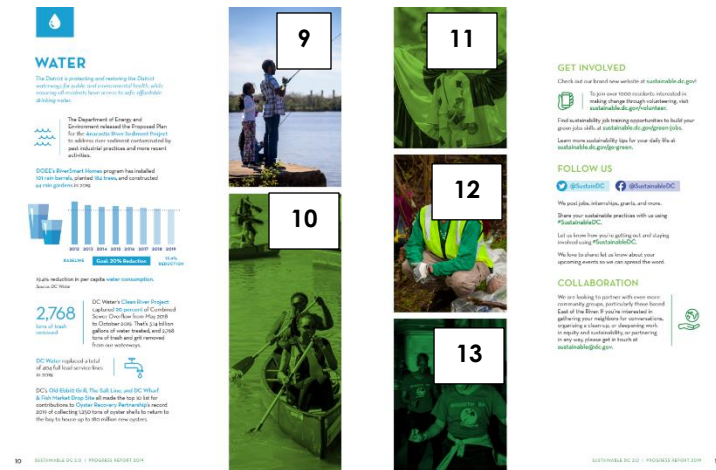
## 4. Ted Eytan

## 5. Jeff Salmore

## 6. Jeff Salmore

## 7. Department of Energy and Environment

## 8. Der Berzerker



9. Jeff Salmore

10. Unknown

11. Unknown

12. Chesapeake Bay Program

13. Unknown



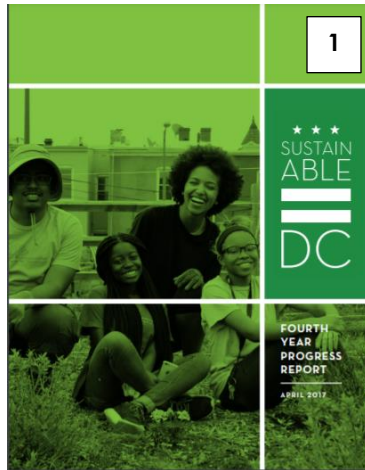
14. Unknown

## 2018 Progress Report



1. Keeli Howard

# 2017 Progress Report



## 1. Erica Flock



## THE DISTRICT SUSTAINABILITY AWARDS

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

**Miss Emily Weiss** is the first and only water-powered earth battery in the District, further reducing its carbon footprint by storing heat in water, reusing packaging and donating spent glass to a local farm for compost production. **Champion.**

**Capital City** supports District urban agriculture by providing home and commercial composting services and partnering with urban farms and community gardens. **Champion.** Capital City collected more than a quarter of a million pounds of food waste.

**Eco Capital** supports practices including recycling, composting and conserving resources in their daily operations. Complementary relationships with local farmers and waste management companies help them grow sustainable in both senses of the word.

**Gold Alternatives** has installed 80 kW of solar on its low-income homes since January 2016. Providing low-income families solar at no cost, local families saved over 10 million in gas costs.

**Historic Congressional Cemetery**, the only certified green burial site in the region, continues to grow green space that with over 2,000 trees, herbs of quality, Redwings, meadowlarks, and 200 other species from that provide pollution through Capital Hill.

## 2. Department of Energy and Environment

## 3. Department of Energy and Environment

## 4. Compost Cab

## 5. Historic Congressional Cemetery

## 6. Department of Energy and Environment



## SUSTAINABLE DC PARTNERS

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

**UNIVERSITIES**  
DC's eight universities have started long about the road year from **American University** on campus solar power and an agreement to GreenPower University. **Georgetown University** is partnering with Campus Green to plant 20 new trees on campus. These universities are making huge strides in campus sustainability.

**INTERNATIONAL INSTITUTIONS**  
This year, our partnerships moved their commitment to sustainability by signing the **Climate Pledge** and **GreenPower University**. These international organizations are committed to sustainability in their design, construction, operations, and operations. We partnered with the **United Nations** on a series of energy benchmarking and LEED certification workshops.

**HEALTHCARE**  
Twenty-two health care institutions, ranging in size from large hospitals to community health clinics, engage with Sustainable DC through the **Healthcare Partnership**. This year, healthcare partners met with District officials to discuss their plans to reduce their carbon footprint and improve their food procurement.

**BUSINESSES**  
In 2016, DC's sustainable business program, the **Sustainable DC Challenge**, successfully launched and participating companies. In 2017, the program will be expanded and targeted to focus on SMEs to make it easier for small businesses to participate.



## INNOVATION CHALLENGE

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

### KINETIC PAVERS

**DCU** and the **Clinton Foundation** built an energy harvesting sidewalk in **Capitol Circle**. Made from recycled tires, these special pavers convert kinetic energy from footsteps into electricity that powers the sidewalk's lighting.

### OUTDOOR CLASSROOM

The Office of the **State Superintendent of Education** and the Department of **Education** are working on an outdoor classroom at **Midway School**. Students will use the beautiful, sustainable materials to learn about sustainable energy, nature, plants, and sustainable agriculture.

### AQUAPONICS

The University of the District of Columbia (**UDC**) is building their sustainable food production system called **aquaponics**, in which fish provide plants with nutrients for growth and plants in turn filter the water for fish. The project will be a model for future food systems built around in urban environments.

### HEALTHY FOOD TRUCK

**UDC** built and operates a food truck to serve as a mobile food training lab to distribute fresh produce and healthy cooking demonstrations in **Wards 5, 6, and 7**.

## 7. American University

## 8. Jameel A. Al-Ahmed

## 9. Pavegen

**TRANSPORTATION**

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

**58%** increase in transit ridership

The District Department of Transportation (DDOT) awarded a value of \$100 million for a total of 100 miles of bike lanes across the District.

The Vision Zero initiative is providing for programs with a total of \$100 million to go to help encourage innovative approaches to transportation safety.

DDOT enhanced the new 100-foot Sidewalk rule by adding Sidewalk curbs and reducing setbacks between streets.

Funded by a Sustainable DC Innovation Challenge grant, the Golden Triangle BID partnered with DDOT to pilot a new program that converts vacant lots into green spaces for residents to use.

Capital Bikeshare added 10,000 bikes to its fleet, increasing the number of bikes available to residents by more than 100,000 bikes.

American University partnered with Washington Metropolitan Area Transit Authority to make a free virtual bus and rail transit Pass program for its students.

**WASTE**

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

**80%** reduction in waste

The Department of Energy & Environment launched new programs to collect and recycle paint and electronics waste in the District's PaintCare and e-Cycle DC. The total paint drop-off event period across points of sale.

Thanks to the Department of Energy & Environment, the Department of Public Works and Land Use Administration, the City Engineer's Office, and the District's Office of Contracting and Procurement, the Sustainable Purchasing Program was awarded the 2016 Sustainable Purchasing Leadership Award by the District.

Over 4,000 people received a free car wash from a station that would otherwise have been used during the flooding.

The Department of Energy & Environment joined the DC Local Energy Council for the Department of Public Works and Organic Waste. Current to the District's goals for new waste.

**6,570** people food

The Department of Energy & Environment joined the DC Local Energy Council for the Department of Public Works and Organic Waste. Current to the District's goals for new waste.

**21%** diversion rate

**WATER**

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

**10%** reduction in water consumption

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

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

Over 50 of our grant funds were used for a total of 10,000 people in the District with thanks to the Department of Energy & Environment's grant for innovative programs.

The Department of Energy & Environment's (DEE) Water Compact, which includes a new infrastructure validation through innovative regulations that provide flexibility for regulated development, received a 2016 Innovation Award from the Environmental Council of the States.

**85,000** water meters

DEE Water began a high-tech water meter project to replace more than 85,000 meters with newer technology that will help residents better manage and track water usage.

The Department of Energy & Environment's (DEE) Water Compact, which includes a new infrastructure validation through innovative regulations that provide flexibility for regulated development, received a 2016 Innovation Award from the Environmental Council of the States.



10. District Department of Transportation
11. Department of Energy and Environment
12. District Department of Transportation
13. Department of Energy and Environment

**14**

**15**

**16**

**CLIMATE READY DC**

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

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

While the vulnerabilities identified are serious, the good news is we can do more to build a Climate Ready DC. The plan identifies 17 actions that the District will take to respond to climate change, such as expanding green spaces to help keep us cool, reducing our own carbon footprint, and community organizations to help us prepare for a changing climate.

We have much more work to do to ensure that all District residents are protected, healthy, and safe. In the coming months, DEE will develop a new action plan for the implementation of Climate Ready DC and will work to integrate the actions to be taking during efforts.

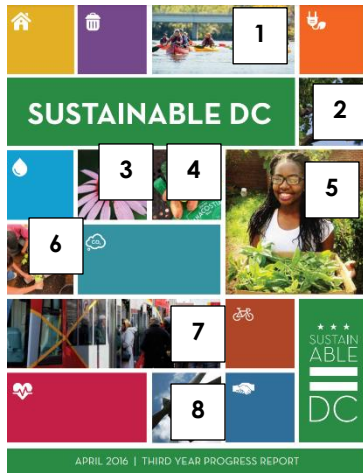
The plan progress made on all 17 actions in the Sustainable DC plan for the year 2016. The plan identifies 17 actions that the District will take to respond to climate change, such as expanding green spaces to help keep us cool, reducing our own carbon footprint, and community organizations to help us prepare for a changing climate.

| PLAN PROGRESS CHART                       | 2016 | 2017 | 2018 | 2019 | 2020 |
|---|------|------|------|------|------|
| <b>1. Reduce greenhouse gas emissions</b> | 100% | 100% | 100% | 100% | 100% |
| <b>2. Increase energy efficiency</b>      | 100% | 100% | 100% | 100% | 100% |
| <b>3. Increase renewable energy</b>       | 100% | 100% | 100% | 100% | 100% |
| <b>4. Increase water efficiency</b>       | 100% | 100% | 100% | 100% | 100% |
| <b>5. Increase green infrastructure</b>   | 100% | 100% | 100% | 100% | 100% |
| <b>6. Increase community resilience</b>   | 100% | 100% | 100% | 100% | 100% |
| <b>7. Increase public safety</b>          | 100% | 100% | 100% | 100% | 100% |
| <b>8. Increase economic vitality</b>      | 100% | 100% | 100% | 100% | 100% |
| <b>9. Increase equity</b>                 | 100% | 100% | 100% | 100% | 100% |
| <b>10. Increase transparency</b>          | 100% | 100% | 100% | 100% | 100% |
| <b>11. Increase innovation</b>            | 100% | 100% | 100% | 100% | 100% |
| <b>12. Increase sustainability</b>        | 100% | 100% | 100% | 100% | 100% |
| <b>13. Increase resilience</b>            | 100% | 100% | 100% | 100% | 100% |
| <b>14. Increase equity</b>                | 100% | 100% | 100% | 100% | 100% |
| <b>15. Increase transparency</b>          | 100% | 100% | 100% | 100% | 100% |
| <b>16. Increase innovation</b>            | 100% | 100% | 100% | 100% | 100% |
| <b>17. Increase sustainability</b>        | 100% | 100% | 100% | 100% | 100% |

14. Kevin Wolf, Sustainable DC Climate Photo Contest Winner
15. Mistry Brown
16. Alexandra Hay, Sustainable DC Climate Photo Contest Winner



# 2016 Progress Report



1. Anacostia Watershed Society

2. Dan Rauch, District Department of Energy and Environment

3. Dan Rauch, District Department of Energy and Environment

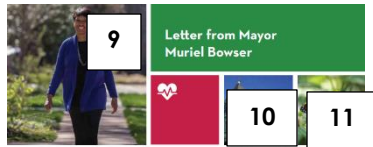
4. Martha's Table

5. City Blossoms

6. Living Classrooms

7. Beyond DC

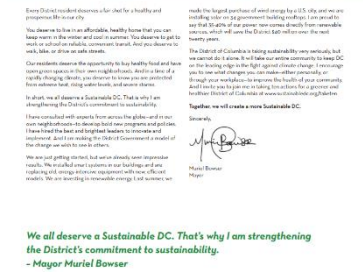
8. Pam Panchak, Pittsburgh Post-Gazette



9. Executive Office of the Mayor

10. AgnosticPreachersKid, via en.wikipedia

11. Dan Rauch, Department of Energy and Environment



We all deserve a Sustainable DC. That's why I am strengthening the District's commitment to sustainability.  
- Mayor Muriel Bowser

1 April 2016 | Third Year Progress Report



12. Department of Energy and Environment



WWW.SUSTAINABLEDC.DC 2

WATER

While challenging, meeting our water goals is feasible and achievable thanks to a team here for the District. Sustainability is the District's at the forefront of engineering innovative technologies and programs to meet our water goals and water usage can decrease throughout the city.

**OUR PROGRESS**

- The District reached its water conservation goal of 10% reduction in water usage by the end of 2014. This was achieved by the District's Department of Energy & Environment's green building program.
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Community Water Consumption

10% Goal, 10% Reduction

13

14

15

16

17

- 13. District Department of Health
- 14. Laine Cidlowski, DC Food Policy Council
- 15. Joe Flood, via Flickr
- 16. Department of Energy and Environment
- 17. Stefano Paltera, U.S. Department of Energy Solar Decathlon, via Flickr

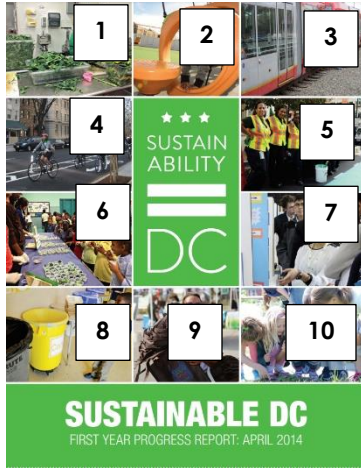
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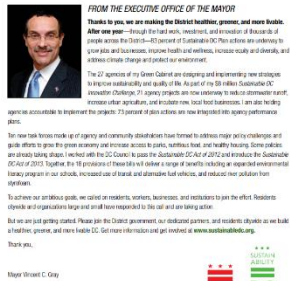
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13. Department of Energy and Environment



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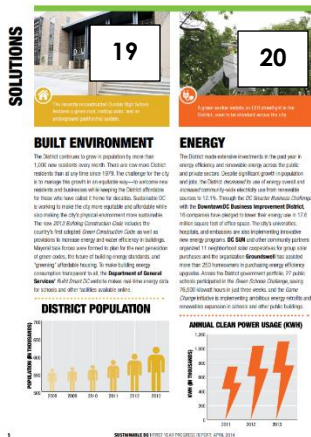
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19. Department of General Services

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