

Commission on Climate Change and Resilience

Minutes

March 7, 2018

4:00 – 6:00 PM

Attendees (In Person):

Kevin Clinton(Chair), Uwe Brandes, Ronda Chapman, Jim Dougherty, Alan Etter, Aleksandra George, Thomas Hampton, Maureen Holman, Anthony Kane, Sandra Knight, Wesley McNealy, Stephen Moore, Molly Rauch, Jason Turner, Kathryn Zyla, Peggy Keller

Guests:

Kevin Bush, Chief Resilience Officer, OCA

Harrison Newton, Deputy Chief Resilience Officer

Ayana Rockett, Public Affairs Manager, OCA

Maribeth DeLorenzo, Deputy Director, Urban Sustainability Administration

Kate Johnson, Branch Chief, Green Building & Climate, DOEE

Introduction:

Mayor's Office of Talent and Appointments

Introduction and Swearing in Ceremony: Director Steve Walker and Kennisha Range

Introduction of Chair and Commission:

Kevin Clinton works for the Federal City Council. FCC became engaged during the application process. FCC philosophy is interrelated with Resilient DC.

Logistics of the Commission:

Meetings on a Quarterly Basis, Wends, 4:00-6:00 PM

Commission to develop a Norms Document

Resilient DC:

Kevin Bush presents an overview of Resilient DC. He discusses the Preliminary Resilience Assessment, Discovery Areas (DA) and the transition to Phase II of the strategy development.

Discovery Areas – Remarks

DA: Integrate District Planning and Execution

- There are changes in how Capital projects are conceptualized and modeled. Climate is a long term engagement. Comprehensive Planning runs in parallel to how financial modeling happens in the District. Climate change will require long term infrastructure investments.
- There is a need to translate distill things down to actionable items.
- Climate is a force multiplier for all the DA's.

- Challenges with implementation are caused by disconnect from capital and operating budgets.
- We need more impactful ways to engage the community. When people care and are engaged, that influences budget priorities. Resilience efforts have been great, but there hasn't been any neighborhood engagement. A lot of the great work won't resonate with people. There must be an emotional connection between these plans and the community. Extensive conversations with the most vulnerable take time, but it are essential.
- DOEE works with Anacostia River Sediment Project. This group has a chance to weigh in and make sure that resiliency is in the plans.
- Anacostia Collaborative, comprised of 20 organizations, can address engagement. There are more collaborative groups. The shape how we speak about resilience and have a dialogue about displacement.
- Resilience in Katrina: Radios were distributed to the relief efforts but had no batteries. There is a need for community input, but what are the resources that are available and how quickly are they able to be deployed. The way we solve problems here must look different.
- How is it helpful to provide resources?

DA: Institutionalizing Climate Actions

- National Maritime foundation would be good to provide feedback on the process. This is an example of how we can integrate with other groups.
- Training with Environmental Racism and Climate Injustice
- We are lacking is the shared vision. We know the direction, but no one has a clear idea on when we have arrived at the destination. Outcome should be a clear vision that people fall in line with.
- How are we proving to ourselves that progress is being made?
- We have found that climate risk is easily understood through personal health risks. How do we communicate health impacts of change? If we are thinking who else to talk to, we ought to consider organizations that understand the personal health impacts.
- What are the ties to value? Why is it important? What we do poorly is bending Federal policy. It's easier to do if you can tie it to value. How can you monetize this to get financial investment?
- We should include climate change issues from the perspective of those most vulnerable. Has there been any thought to how many intersectional identities have been embedded in these DA's. The Afro Latin community as an example. Being not only linguistically isolated, but then being black.

DA: Create Access to Opportunity in all Neighborhoods

- In many communities, the Community college is connecting to the community. The city has a young community college that can help create linkages from the residents to and the economies that hire them.
- Is there a way to shift the green jobs conversation to a resilient jobs conversation? There are some jobs that are not only green, but that have a technology component that is resilient.
- This is important to civic dialogue. Overtime, the Chair should provide guidance as to how the commission will add value to the debate given that there are other Commissions who work on this. The resilience commission is here to bring light to this dialogue. We cannot lose sight of the connectivity of these issues.

DA 4: Respond to and Leverage Technological Change

- How can we leverage technology to accelerate new technologies that can be game changers for our cities? How do we take materials that are basic to our operation and how do we use physics to address some of these challenges? There is technology out there that can come to the fore and eliminate the barriers of the status quo.
- Regulations that cities have that can be adjusted to advance newer technologies. Ex: Investment in Bio digester – a half billion dollar piece of equipment that can create renewable energy. We are leading in technology and infrastructure.
- It can be difficult to change infrastructure and investment. No one wants to bet on the wrong horse.
- DC is fortunate that its data rich. With machine learning and AI – we have the opportunity to do something different. If you have good technology and are mining data, you can get good ideas.
- Citizen Science. Cheap technology that can play a role.
- Pepco is doing great things with smart and micro grids. DC is a great place to demonstrate that. Every day, practical, low cost and effective.

DA 5: Honor the Anacostia River

- Physical and Environmental infrastructure. The city will be making big decisions about some of the investment around poplar point etc.

- NPS is responsible for a lot of that land. We should engage with them to see where there can be financial resources.
- How can the commission be involved in the working groups?
- There should be representation from the commission on these areas. But first, there should be a better sense of people's backgrounds and how we can be more efficient with that information. We can make sure that this happens before the next meeting. And make sure that everyone has each other's contact information.

Presentation: District Department of the Environment

Introduction, Maribeth DeLorenzo, Katherine Johnson

Handouts: Clean Energy and Sustainable DC One Pagers

Sustainable DC, Sustainable DC 2.0

Clean Energy DC – 50 percent energy reduction by 2032. Carbon Neutral by 2050. This plan lays out the path to how this will happen.

Climate Ready DC - Districts plan to withstand the change in climate. Built over two years by Climate scientists to identify what the climate impacts would be in DC. There is a high level assessment of social vulnerability. It's a governance and implementation strategy – it cuts across so many different aspects of the city.

DOEE would like to engage with the Commission in the following ways

- Work in NE on equity, climate, justice and engagement in Watts Branch. Watts Branch is a low income community and a community with public resources that are at risk.
- Help to form an equity advisory group that helps amplify priorities of that community. Advisory group will work on recommendations on how we implement that plan in their neighborhood.
- How do we implement climate risk into the agency policies? How do we more explicitly address climate resilience?
- Drill down on how we fund and finance climate resilience. How do we work with the private sector? How do we think of climate resilience design? Design guidelines that can use the commission's engagement.

- Since Nov DOEE has convened several working groups from all over the city. We are looking to work with your constituencies in this interactive process.
- How do you fill the gap for projects where you can't get higher levels of LEAD certification? Projects that don't quite fit building code programs. It emphasizes community engagement and input that I haven't seen in other rating systems.

Discussion:

- Can DOEE reflect on interaction with other people in the District whose responsibility is to manage all risks- enviro and otherwise? Can DOEE share any conversation that was had with representatives of the insurance industry?
 DOEE Response: Wasn't a challenge to get those folks to think of climate change in their universe? They do these exercises all the time. Advisory groups had agency, infrastructure agencies etc. We met with DOH is cover human risks. We need to increase the awareness of climate risks to health workers. We need to increase awareness among related fields.
 Retail insurance agency wasn't at the table. Cities have been engaging with re-insurers.
- From the perspective of the commission- How do you operationalize thinking of climate and risks? Within Dc and more broadly.
- How is this going to play out with the Feds and NPS?
 DOEE: We worked closely with the Feds to develop Climate ready and continue to do so. Flood modeling etc. Funding sources are in question, but many of them are still in place – but we work with partners to mitigate that risk.
- Increase awareness and data: How do we increase awareness?

Closing:

There will be several discussions Resilient DC and Climate DC. We are always looking for feedback. If you have suggestions, or want to join a working group, let Kevin know.

Meeting Adjourns @ 6:00PM

Next Meeting, June 6, 2018

Commission on Climate Change and Resiliency

Kevin Clinton, Chair

Wednesday, June 6, 4:30 PM

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| 1. | Call to Order | Chair |
| 2. | Review and Approval of Minutes | Chair |
| 3. | Administration Updates:

DOEE

Resilient DC | |
| 4. | Commission Communications | Chair |
| 5. | Emerging Items/Other Business | All |
| 6. | Adjournment | Chair |

Next Meeting: September 5th, 2018

Commission on Climate Change and Resiliency
Minutes
June 6th 2018

Call to order 4:22 PM

Approval of Minutes or Documents: Minutes approved, 1 abstention (Jim Doherty)

I. Resilient DC Presentation, Kevin Bush, Chief Resilience Officer

- Goals in Phase II
 - a. Increase awareness about the initiative
 - b. Get a deeper understanding of discovery areas around resilience
- Presentation of Phase II process (Power Point)
- Introduction of workgroups, scope of work and timeline

Discussion:

Will you look at the impact Amazon HQ? Resilient DC should look at managing the shock of Amazon and the resulting stresses.

The strategy development process looks at all growth and how we can leverage it to allow people to climb economic ladder and address gaps in the workforce system.

Will working groups work use scenario based planning strategies?

Methods are across the board. Working groups are District employees and Resilient DC is in the process of securing commitments. There is a limited set of resources within the 100RC grant and there will be a need to repurpose government resources. Working groups are finding ways to work with resources in the limited period of time.

Are there community based organizations that represent black and brown residents?

Each of the workgroups will have representation.

How do we have meaningful input in the process?

Resilient DC will conduct vision setting working workshop around the next cabinet and commission meeting. At that time, they will propose the goals and vision for the resilience strategy and getting feedback. Next level of engagement will be broader.

II. Climate Ready DC Presentation, Maribeth DeLorezo, DOEE

Discussion:

How do Climate Ready and the Resilient processes work together?

Climate DC focuses on making people more resilient to climate change. Resilient DC focuses on governance and implementation.

Transportation and utilities are not included in the Resilient Discovery Areas. How do they fit?

Resilience uses a systems thinking approach to city management. It's uncovering the issues that the city is most exposed to. It also looks at issues that go across multiple agencies.

Emissions by Sector – which sectors give the most concern about the ability to see reductions by 2032?

We (DC) do control building code – DOEE is confident that we will move the needle there. The transportation lever is one of the most challenging, but DC has regional cooperation.

Do you have control over the federal buildings?

This has been interpreted differently across different sectors. The Feds (GSA) have very aggressive building standards. Feds comply with storm water regulations. Chair will let you know when the newest cycle of building code is released for your input.

Upstream Emissions: Land loss is significant even though it looks like a smaller part of the pie chart. What was your source of information?

DOEE has worked closely with several committees of COG, have seen the patchwork of each jurisdiction and have patched them together for a regional inventory.

Buzzard Point is having a hard time getting property managers and others accountable for their ability to be less resilient. Are there any plans in place to hold people accountable when these utilities etc. are not here to be held accountable?

We have equity advisory groups that we engage on a regular base who focus on this.

Do you plan to create a dashboard to measure progress towards DOEE goals?

There is a yearly progress report on Earth Day. Going forward we will fold in other reports. Each plan is rotating on its own, but there is one gear in the middle keeping them together.

Other Business:

- Pepco has been involved in a capitol grid retrofit that results in greenhouse gas. We should have someone come and speak of the economic benefits of it.
- Natural gas leaks – what is being done to fix them?
Exelon has a very strong program. They are tracking leaks throughout the region. Washington Gas is part of that program. Commission should invite a speaker on this matter.
- Introduction of Carbon tax Bill. Do we advise on that Bill? Should the members have a role in advising at that time? Commission should be briefed at upcoming commission meeting.
- Anacostia River: Machine naming ceremony will take place on June 28th to celebrate commencement of Northeast Boundary tunnel.

Adjourn: 6:10PM

September 5, 2019

Commission on Climate Change and Resiliency

Agenda

1350 Pennsylvania Avenue, NW G-9

4:00 PM

4:00	Clean Energy DC Omnibus Act update	Office of Councilmember Mary Cheh
4:20	Update on Clean Energy DC	DOEE
4:50	Update on Resilience Strategy (including working groups)	Kevin Bush
5:00	Climate Stakeholder Mapping Exercise	Kevin Bush
5:45	Open Discussion and Adjournment	All

From: [Kevin Clinton](#)
To: [Nielsen, Marc \(DOEE\)](#); [rauchmolly@gmail.com](#); [ronda@groundworkdc.org](#); [zyla@georgetown.edu](#); [smoore@swbid.org](#); [hampton5207@aol.com](#); [cemkeller@gmail.com](#); [alaneetter@gmail.com](#); [uwe.brandes@georgetown.edu](#); [maureen.holman@dcwater.com](#); [jeturner12@gmail.com](#); [kane@SustainableInfrastructure.org](#); [aleksandra.sasha.george@gmail.com](#); [jimdougherty@aol.com](#); [kathryn.zyla@dcbc.dc.gov](#); [maureen.holman@dcbc.dc.gov](#); [jason.turner@dcbc.dc.gov](#); [kevin.clinton@dcbc.dc.gov](#); [anthony.kane@dcbc.dc.gov](#); [Bush, Kevin \(EOM\)](#); [DeLorenzo, Maribeth \(DOEE\)](#); [Johnson, Katherine \(DOEE\)](#); [Rockett, Ayana \(EOM\)](#); [kaz3@georgetown.edu](#); [Lavinson, Melissa A.\(PHI\)](#); [Deas, Melissa \(DOEE\)](#)
Subject: NOTE LOCATION: Upcoming Commission on Climate Change and Resiliency Meeting
Date: Monday, December 3, 2018 9:25:04 PM

CAUTION: This email originated from outside of the DC Government. Do not click on links or open attachments unless you recognize the sender and know that the content is safe. If you believe that this email is suspicious, please forward to phishing@dc.gov for additional analysis by OCTO Security Operations Center (SOC).

Members of the Commission on Climate Change and Resiliency,

I am told that not everyone received the meeting announcement for our next Commission meeting. Our apologies.

The next Commission on Climate Change and Resiliency meeting will be held at DOEE:

December 5, 2018
4:00-6:00 PM
1200 First Street, NE #790

Please go to the fifth floor receptionist and ask her to contact Melissa Deas. Melissa will come down and escort them to the meeting room.

Note that the staff has been working behind the scenes to address the concerns you raised at the last meeting. I will provide an update on the status of those discussions to start the meeting. The full agenda will be as follows:

Agenda:

4:00 – 4:15 – Administrative Update
4:15 – 5:15 – Resilient DC
5:15 – 5:30 - American Cities Climate Challenge update/overview
5:30 – 5:45 - Clean Energy DC Act update
5:45 – 6:00 - Discussion

We will also circulate draft dates and times for next year’s meetings on Wednesday. If there are any dates or times you’d like us to work around, let me know.

Sincerely,
Kevin

Commission on Climate Change and Resiliency

Meeting Date: 12/5/2018

Meeting Location: DOEE, 1200 1st Street NE

Attendees (In person): (**denotes members of the Commission on Climate Change and Resiliency*)

Ayana Rockett (OCA), Maribeth DeLorenzo (DOEE), Melissa Deas (DOEE), Maureen Holman (DC Water)*, Kate Zyla (Energy Foundation)*, Kate Johnson (DOEE), Kevin Bush (OCA), Kevin Clinton (Federal City Council)*, Harrison Newton (OCA), Molly Rauch (Moms Clean Air Force)*, Melissa Lavinson (Pepco)*, Anthony Kane (Institute for Sustainable Infrastructure)*, Peggy Keller*, Sandra Knight (UMD)*, Jim Dougherty (Sierra Club)*, Uwe Brandes (Georgetown)*, Alan Etter*, Jason Turner*

Attendees (by phone):

Aleksandra George*

Introductions (All)

Administrative Update – Kevin Clinton

- Update on discussions to staff the Commission

Resilient DC – Kevin Bush

- Resilient DC has been hosting workshops and open houses to collect strategy ideas from community.
- All ideas have been collected on the Neighborland site
- Discussion of need to elevate health risks in Resilience Strategy

Climate Ready DC – Melissa Deas

- DOEE is preparing implementation plans for a select number of high priority actions in Climate Ready DC through a contract with the Cadmus Group. Issues that will be included are:
 - Neighborhood level resilience strategies including Resilience Hubs
 - Energy resilience at critical facilities
 - Community capacity building for disaster preparedness
 - Comprehensive heat planning
 - Resilience of sewer and stormwater systems
 - Financial support for mitigation investments
- DOEE is also preparing resilient design guidelines.

American Cities Climate Challenge – Kate Johnson, DOEE

- \$75M, 20 cities, supporting near-term climate change solutions through 2020
- Not all cities have been announced, but those that have include good geographic diversity.
- Striking how similar the potential solutions are across disparate cities and geographies.
- No funds are awarded – all is in-kind. Bloomberg funds a platform of providers and provides a climate advisor who is based at DOEE. NRDC will be posting the job opening for DC soon.
- The press release for DC's award is available on DOEE website but much of the remaining information is not publicly available yet.
- 2.5 TW reduction goal across all cities.

- Large amount of reporting to Bloomberg throughout the program and beyond. Bloomberg will roll up and aggregate the progress to show joint progress towards the National Paris commitments.

Clean Energy DC Act update – DOEE staff

- First vote was November 27th, where it passed unanimously. Next vote anticipated December 18th. Content has changed slightly with latest version available on Council website.
- Bill sets renewable energy mandate by 2032.
- Requirement for all fleets (50+ vehicles) to be electrified by 2045.
- Includes Building Energy Performance Standards.

The meeting adjourned at 6:00pm ET.

The next meeting will be:

TBD

**Department of Energy & Environment
1200 First Street NE, 5th Floor**

July 10, 2018

The Honorable Mary M. Cheh
Chairperson, Committee on Transportation and the Environment
Council of the District of Columbia
John A. Wilson Building
1350 Pennsylvania Avenue NW, Suite 108
Washington, D.C. 20004

Councilmember Cheh,

I am writing as the Chairman of D.C.'s new Commission on Climate Change and Resiliency. We were established by the Commission on Climate Change and Resiliency Establishment Act on February 18, 2017.

The Commission's charge is to "assess the impacts of the changing climate and potential impacts of adverse weather events, the District's ability to mitigate and adapt to climate change, and the status of the District's ability to prepare, plan for, absorb, recover from, and adapt to adverse events, to require the commission to transmit reports and recommendations to the Council and the Mayor, and to establish the Climate Change and Resiliency Fund."

At our most recent meeting, members of the Commission expressed an interest in hearing about your legislative efforts to promote clean energy in the District of Columbia. To this end, we would like to invite you or a member of your staff to our next meeting to share your vision and objectives for the Clean Energy DC Omnibus Amendment Act of 2018

Our upcoming meeting is scheduled for September 5, 2018 from 4 pm to 6 pm in Room G-9 of the Wilson Building.

Thank you for your leadership of the Committee on Transportation and the Environment and your contributions to DC's nation-leading efforts to reduce DC's climate footprint and help mitigate the effects of Climate Change. We look forward to further advancing this cause and serving the District of Columbia.

Sincerely,

Kevin Clinton