
THE CLIMATE CHANGE ADVISORY COMMITTEE WILL HOLD THIS MEETING
USING A VIRTUAL, ZOOM WEBINAR, PER GOVERNOR INSLEE'S
"STAY HOME, STAY HEALTHY" ORDERS

MEMBERS OF THE PUBLIC WILL BE ABLE TO CALL IN TO THE ZOOM MEETING

PLEASE CLICK THE LINK BELOW TO JOIN THE WEBINAR:

[HTTPS://BAINBRIDGEWA.ZOOM.US/J/91390380790](https://bainbridgewa.zoom.us/j/91390380790)

OR TELEPHONE: 1 253 215 8782

WEBINAR ID: 913 9038 0790

AGENDA

- 5:30 CALL MEETING TO ORDER/ROLL CALL/ACCEPT OF MODIFY AGENDA/CONFLICT OF INTEREST DISCLOSURE
- 5:35 APPROVE DECEMBER 15TH MINUTES
- 5:40 PUBLIC COMMENT
- 5:45 THANKS TO DEPARTING COUNCIL LIAISON AND WELCOME NEW LIAISON (ALL)
- 5:50 GENERAL UPDATE AND EDUCATIONAL PROGRAMMING FOR 2022 (AUTUMN SALAMACK)
- 6:10 DRAFT 2021 PROGRESS REPORT AND 2022 WORKPLAN (MIKE)
- 6:25 OUTREACH IDEA (LARA)
- 6:40 CLIMATE ACTION PLAN UPDATES
- GHG EMISSIONS REDUCTION AND STTP (SUBGROUP)
 - WASTE MANAGEMENT AND BIODIGESTER (SUBGROUP)
 - GROUNDWATER MANAGEMENT (DEB)
 - CAPSTONE STUDENT (MIKE)
 - OTHER
- 7:30 ADJOURN

MATERIALS

1. DECEMBER MINUTES
2. MATERIALS FROM AUTUMN
3. DRAFT 2021 PROGRESS REPORT AND 2022 WORKPLAN

**Climate Change Advisory Committee
Meeting Minutes
Wednesday December 15, 2021**

Present: Committee members Michael Cox, Steve Richard, Deborah Rudnick, David McCaughey, Julie Matthews, Derik Broekhoff, John Kydd, Lara Hansen, Jens Boemer.

Council Liaison: Kirsten Hytopolous

City staff: Autumn Salamack

No conflict of interest.

Approval of November minutes: John Kydd moved to approved, Steve seconded, motion passed. Steve mentioned adding to minutes a note that Autumn asked for feedback on the draft workplan by Nov 29.

Autumn mentioned people just calling in can hit *6 to unmute/mute or *9 to raise their hand and that we can mention that whenever public does call in.

Public Comment: Peter Harris, David had forwarded his email from earlier this week (include in these minutes at the end). The committee thanked him for his comments. Mike asked if he had engaged with the STTF, and he has submitted comments to them.

Discussion:

2022 Climate Officer Check-in– Autumn

- Good conversation on draft work plan with City Manager
- Educational materials for plastic waste reduction ordinance, will be distributed to local businesses by end of year, and will be working on materials for 2023 regarding home compostable materials. Waiting to hear back from the state on a grant application to support that transition.
- Next steps to develop Island-wide climate challenge, formalizing outreach liaison position in early 2022.
- Getting ready to send out request for on-call graphic designers to support outreach with consistent imagery.
- Continuing to meet with community groups, program leaders.
- Have met with Kira and Andy from PSE, hopeful to have monthly conversations as there is a long list of items in the CAP relevant to PSE in both mitigation and adaptation. Is looking at community disaster hubs and identifying good candidates for solar installation. Franchise agreement is a priority for first quarter.
- Steve asked about top of the list on the policy and ordinance side. Nothing immediate, but second quarter municipal operations to look at electrification of landscaping equipment, and then looking at fleet electrification. Met with UW liaison, for thinking about public-private partnerships in charging stations. PCD staff is a limiting factor around electrification code revisions, but it is on the list.

- David was in a meeting with Shift Zero, there are several bills in the coming session including stretch codes. May be opportunities to capitalize on state budget recommendations around solar. Kirsten mentioned that the city is still thinking about hiring a lobbyist to work on COBIs behalf around some of these initiatives.
- Cost for the community climate solutions? 2500 and 500 annual license fee. Currently discussing naming goals, trying to figure out how comprehensive it needs to be. Hope to come back in January to us and get some feedback.
- Mike asked about status of sustainable transportation committee. Autumn unsure of status of committee but they do have a council agenda item early 2022. She will ask Mark- he had mentioned a presentation to council in Feb.

Draft recommendations to council on COBI waste management program and biodigester

-Memo is in minutes, focus on broader waste management and also outlines possibilities for the benefits of biodigester. Articulates linking waste management with emissions reductions. Kirsten said she is happy to champion but that it could go directly through autumn. John mentioned it's important to recognize that we do have beneficial uses already in place for some products, like T&C produce that goes to local farmers. Committee noted that they want to hear from John if he has contacts that can help us assemble data on quantities.

John moved to approve, Mike seconded, all approved moving the memo forward to council. Autumn to tell us how to move forward to council.

Draft recommendations to council on Evaluating GHG emissions impacts from sustainable transportation projects

Memo is in the packet, Derik reviewed. Feedback from group included simplifying and creating an executive summary for council. Steve and John both offered to assist with document editing. Discussed the exciting opportunity of EIE data from Google, though this isn't yet available for our community. Recommendation from group that this information should also go to COBI staff and STTF.

John Kydd discussed his trip to COP 26 and his findings from meeting with various mayors and other delegates. He discussed possible actions we could take on Bainbridge such as working to develop climate pledge programs with businesses and the faith community. Her discussed the potential to develop mechanism to provide financing to help in the transition to a more sustainable future.

EcoCity World Summit: Will discuss at the next CCAC meeting.

Groundwater Management Plan: Will discuss at the next CCAC meeting.

Capstone Student: Jackie, Autumn, John, and Mike will be meeting with the Executive Director of the Senior Center to discuss a potential focus group with the Senior Center on climate change.

Meeting adjourned at 7:27 PM.

From: Peter Harris <peter.k.harris.98110@gmail.com>
Sent: Wednesday, December 8, 2021 8:46 PM
To: David McCaughey <David.McCaughey@cobicommittee.email>
Subject: Re: CCAC review of Sustainable Transportation projects

David,

Thanks again for the opportunity to talk on Friday. Here are my initial thoughts on evaluating the impacts of non-motorized infrastructure improvements on VMT. Comments and questions are welcome. I look forward to your views on these observations and their implications.

Peter

1. Sooner is better.

Lara Hansen said it just fine. “We need to reduce greenhouse gas emissions dramatically to avoid the dire impacts of climate change, and we need to take those actions now. . . Our community has a Climate Action Plan to help us achieve emissions reductions, but we are not implementing those actions quickly enough. . . What could we be doing now? . . . Lower emissions from transportation. . . This includes increasing use of nonmotorized travel by foot and bike, and mass public transit. . .”

2. The more routes there are for non-moto travel, and the more connected they are, the better.

Non-moto infrastructure is effective to the degree it connects where people are coming from to where they are going. The ferry and downtown Winslow are big destinations. There are many midsize destinations. Everyone’s home is a small one.

3. Funding is limited.

The lower the cost of non-moto infrastructure, the more complete routes we can make and the sooner we can make them.

4. The more tree cutting and creek crossing a route requires, the greater the environmental cost.

5. Existing public rights-of-way can provide non-moto connections.

Rights-of-way already connect our locations. New road shoulders in rights-of-way are generally less expensive than new outside routes, in land, construction and environmental cost.

6. High-mileage cyclists replace more VMT than low-mileage cyclists.

For starters, the more commuters, the better.

7. E-bikes are dramatically increasing cycling by commuters, teenage students and seniors.

E-bikes save human energy and are good at handling traffic on low-speed streets. Before COVID there were hundreds of cycling commuters on rush hour ferries. Teenagers apparently love e-bikes. More than 25% of islanders are seniors.

8. Road safety can be a combination of shoulders and auto speed.

The safety and comfort of shoulders are high when the auto speeds are low. Infrastructure can combine well with regulation.

2022 CLIMATE ACTION COMMUNITY EDUCATION & OUTREACH PLAN

Goals

- Engage community members in implementation of our Climate Action Plan.
- Educate community members about key actions we can take – as individuals, businesses, schools, etc. – to both reduce GHG emissions and prepare for climate change impacts.
- Promote participation in a communitywide climate challenge and implement associated actions.
- Build support for future city policies, programs, and initiatives to implement the Climate Action Plan.

CORE TOPICS	PROPOSED TIMING	PROPOSED OUTREACH ELEMENTS*
Launch - 2022 activities (new website, climate action program name, upcoming initiatives)	February/March	<ul style="list-style-type: none"> • Webinar (see below) • City Manager's Update • Social Media • COBI Connects (spring issue)
Climate challenge – overview	Soft launch in March; big push in April (align w/Earth Day)	<ul style="list-style-type: none"> • Webinar (see below) • Mailer? • City Manager's Update • COBI Connects • Social Media • Table at Earth Day event?
Waste reduction/zero waste living	April (align w/other waste-related community programming)	<ul style="list-style-type: none"> • Webinar (see below)
Active, sustainable transportation	May (align w/bike to work/school day events)	<ul style="list-style-type: none"> • Webinar (see below) • City Manager's Update • Social Media
Electric vehicles	June	<ul style="list-style-type: none"> • Webinar (see below)
Indoor/outdoor water conservation	July	<ul style="list-style-type: none"> • Webinar (see below) • City Manager's Update
Climate resiliency	September (align w/National Preparedness Month)	<ul style="list-style-type: none"> • Webinar (see below) • City Manager's Update • COBI Connects • Social Media
2023 waste ordinance (for public)	October	<ul style="list-style-type: none"> • Webinar (see below) • City Manager's Update • COBI Connects • Social Media
Energy conservation - buildings	November	<ul style="list-style-type: none"> • Webinar (see below)
Annual CAP Progress Report	October/November	<ul style="list-style-type: none"> • Council presentation (CCAC) • Website posting
Renewable energy	December	<ul style="list-style-type: none"> • Webinar (see below)

*Proposed webinar details provided below. COBI Connects, social media, etc. would be used to promote the webinars and/or provide tips and promote related actions from the community climate challenge. COBI staff will work with external groups and communication channels – such as Sustainable Bainbridge – to promote events as well.

Other CAP-Related Community Programming Planned in 2022

Program/Campaign	Timing	Lead Organization
Association of Bainbridge Communities Environmental Conference (textiles)	March 27	
ReFashion Project	April?	Sustainable Bainbridge
Arbor Day	April 29	COBI – PCD
Community Earth Day Event?	April	Citizens' Climate Lobby?
Bike to School Day	April?	BISD?
Bike to Work Day	May	Squeaky Wheels?
National Preparedness Month	September	COBI – Emergency Management

Questions for CCAC:

- Thoughts on proposed content, timing and potential speakers for workshops listed below?
- Are there any other potential or known events, educational campaigns, etc. to be aware of in finalizing our COBI list of workshop topics and timelines?
- Thoughts on coordinating/partnering with community organizations to develop and promote workshops?
- Any accessibility issues to be considered in developing workshops?

WEBINAR/WORKSHOP SERIES

COBI will host a series of community workshops on climate mitigation and adaptation. Workshops will be hosted as online webinars, or in-person workshops, pending future public health guidance.

CORE TOPICS	POTENTIAL WEBINAR CONTENT	POTENTIAL SPEAKERS	TIMING
Launch - 2022 activities	<ul style="list-style-type: none"> Review goals and plans for 2022, new City resources How do we achieve our goals and all work together to implement the CAP? What does equitable climate action mean for our community? 	Autumn, CCAC members	February/March
Climate Challenge	<ul style="list-style-type: none"> How it works, how to get signed up, community goals and key actions 	Autumn, CCAC members	March/April
Waste Reduction	<ul style="list-style-type: none"> Zero Waste Living 101 - how to reduce waste in every room of your home How to reduce food waste and compost at home 	Siobhan McComb	April
Active Transportation	<ul style="list-style-type: none"> Where/how to bike, walk and roll safely Ride Pingo – Kitsap Transit resources for the island Sustainable Transportation Plan – key highlights? 	Mark E., Kitsap Transit	May
Electric Vehicles	<ul style="list-style-type: none"> EV basics - purchasing, charging, how to build our community network Resources available to help organizations and individuals convert to EVs 	WSU Energy Office	June
Water Conservation	<ul style="list-style-type: none"> Water-energy nexus Conservation practices for indoor and outdoor conservation, available rebates/resources GWMP: infrastructure, water recharge and discharge, land use and septic systems 	Maureen	July (GWMP content in late 2022)
Climate Resiliency	<ul style="list-style-type: none"> COBI approach to resiliency (solar at emergency hubs, SLR planning, etc.). General adaptation and resiliency actions for individuals and organizations Stormwater System Plan elements and green stormwater infrastructure 	Autumn, Anne, Maureen	September
2023 Waste Ordinance (for general public)	<ul style="list-style-type: none"> What changes are coming in 2023 How you can help support food retail businesses and waste reduction 	Autumn, Diane, Stefan?	October
Energy Conservation	<ul style="list-style-type: none"> Basic tips to conserve energy, resources and rebates available Key strategies to drive the biggest savings 	PSE	November
Renewable Energy	<ul style="list-style-type: none"> Solar 101 – installing at your home/business, green power purchase options Batteries and resiliency 	PSE	December

Climate Change Advisory Committee: 2021 Progress Report and 2022 Workplan (January 13th, 2022)

2021 Progress Report

We have included the work accomplished in 2021 regarding the 18 immediate actions identified in the Climate Action Plan. In addition, we have included other activities that were not included in the 18 immediate actions.

Immediate Action	Status
Implementation	
#1 (5.A.1.b/6.A.1.c/7.D.1.a) Climate Lens in COBI decision making.	Completed a pilot project with COBI staff on the Senior Center remodel.
#2 (9.B.1.a) Equity implications are addressed in all actions	Formed a CCAC/REAC subgroup. Had several meetings with REAC members on developing climate equity lens and presented at REAC meeting and REAC provided feedback.
#3 (8.C.1.b/8.C.1.a) Hire and orientation of Climate Officer.	Completed. Yeah
#4 (9.D.1.a) Develop cost estimates and staffing needs for priority actions.	Draft in CAP but needs to be updated.
Identify potential grants and other actions by Cities for implementing the CAP.	Climate Action Bainbridge commissioned report on potential grants for climate change implementation and sustainable transportation. Report completed. Also commissioned report for what other Municipalities are doing.
GHG Inventory	
#5 (2.A.1.a) Improve accuracy of GHG Inventory.	Worked with COBI staff on Municipal Inventory. CCAC developed a road map for developing next GHG inventory
Energy	
#6 (3.B.1.a) Work collaboratively with PSE to green our energy supply and develop community solar projects.	CCAC/UAC provide recommendations to City on PSE Franchise/Partnership Agreement. CCAC had meetings with PSE on Community Solar project.
#7 (3.A.1.b) Work with PSE and GBTF to reduce our energy demand on the Island	Several meetings with PSE on demand reduction program that is scheduled to roll out in January 2022. Worked with COBI staff on GBTF.
#8 (3.B.1.c) Prohibit propane, fuel oil, and wood stoves for primary heating in new buildings.	Road map provided to COBI.
#10 (3.A.2.a) Initiate discussions on establishing a Green Building/Energy Fund	Road map provided to COBI.
Transportation	

Immediate Action	Status
#12 (4.A.1.a) Work with STTF.	Worked with COBI Staff on technical subgroups and worked to develop analysis for how to measure reductions in VMT and GHG emissions reductions.
#13 (4.B.1.a.) Transition COBI's fleets to primarily electric vehicles.	Road map provided to COBI.
#14 (4.B.2.a) Evaluate current code to increase EV-charge-ready and EV charging infrastructure.	Road map provided to COBI.
Explore Downtown Electric Shuttle	Had several meetings with Greg Dronkert. Briefed City Council and CCAC agreed a good idea to explore.
Buildings	
#9 (5.A.1.a) Support the recommendations of GBTF.	Provided input to GBTF when requested. Need to revitalize GBTF.
#11 (5.B.1.a., b., and c) Build on preliminary SLR assessment endorsed by CCAC.	CCAC members participated on the SMP working group. CCAC provided recommendations on addressing sea level rise as part of SMP. COBI submitted grant application to do SLR work including public engagement component.
Natural Environment	
#15 (6.A.2.a) Create list of tree and plant species expected to be favored by climate change that can be used for forest management/restoration.	Participated in four-part event on BI forests and climate change. Reached out to work with City arborist and others.
Groundwater Management Program	CCAC members were apart of the GWMP committee.
Waste	
#16 (7.A.2.a) Pass an ordinance to reduce single-use plastics.	Ordinance passed by Council.
Explore comprehensive waste management program including exploring biodigester to Island	Formed a CCAC subgroup to explore possibility of a biodigester for the Island. Had several meetings with Impact Bioenergy, CCAC members, Council, and City Manager on potential biodigester. Sent memo to Council and City on need to develop comprehensive waste management plan.
Community Engagement	
#17 (8.A.1.a. and b) Develop a web presence for climate change on City website and make climate information widely and easily available to all community members.	Road map and provided to COBI. Held two public meetings to launch CAP. Worked with COBI Communication Coordinator on articles for COBI Connects and City Manager weekly report.

Immediate Action	Status
#18 (8.C.2.a) Establish equitable access during outages and emergency food/water/filtered air during poor air quality due to wildfires.	Organized meeting with PSE and Bainbridge Prepares.
Work with City to adopt Community Climate Solutions platform	Had several meetings with developer of platform, CCAC endorsed adoption, and Climate Officer.
Work with UW Capstone student to reach out to community groups.	UW grad student will be helping to reach out to various community groups over the next 6-8 months.
Work with other taxing districts, community groups (e.g., Sustainable Bainbridge and BILT) and businesses to implement the CAP.	Briefed Parks and School Boards, and held numerous community outreach discussions (e.g., Senior Center, Rotary, Oatmeal, Interfaith Council) and general information sessions.

2022 Workplan

Work with the Climate Mitigation/Adaptation Officer on public engagement and outreach for the CAP

- As requested, CCAC members will provide support to the Climate Officer and other City Staff which could include presentations to Community groups or technical support.
- Provide support to Climate Officer to launch the Community Climate Challenge.
- Provide support on ordinance to reduce single-use plastics.

Provide general support to COBI in the implementation of the CAP

- CCAC members will meet with COBI staff when requested to provide information and support in implementation of specific actions.

CCAC waste management subgroup will continue to work with City Staff and Council

- CCAC waste management subgroup will provide support to City to explore possibility of establishing a comprehensive waste management system for the Island.
- CCAC waste management subgroup will continue to work with Impact Bioenergy on providing relevant information and helping to coordinate outreach to community groups.

CCAC/UAC subgroup will continue to provide support on the PSE Franchise/Partnership Agreement

CCAC/REAC subgroup will continue to explore developing a climate/equity lens for the Island.

CCAC transportation subgroup will continue to work with City Staff to develop performance metrics for evaluating GHG emission reductions

CCAC members will continue to serve on different City lead teams

This will include, but not limited to: Ground Water Management Program; PSE Franchise/Partnership Agreement; Shoreline Master Program; and the Sustainable Transportation Task Force.

CCAC will respond to City Council requests for advice and support

If you have questions, please contact either David McCaughey or Michael Cox.