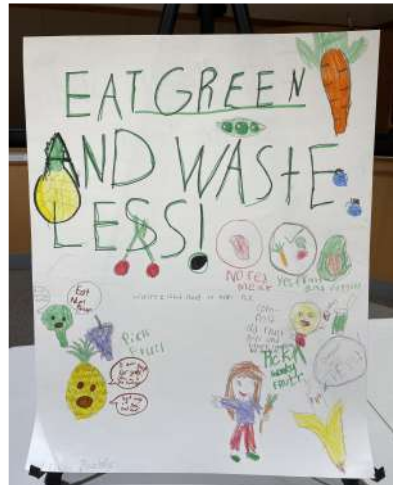




CLIMATE ACTION PLAN

2022 ANNUAL PROGRESS REPORT



BAINBRIDGE ISLAND

has a rich tapestry of ecosystems, including forests, wetlands, and shorelines, that provide important environmental benefits and enhance our quality of life. In recent years, we have seen more and more local climate change impacts with intense heat waves, smoke from summer wildfires, extreme tides, and frequent flooding that threatens our natural environment, our health, and our future. We've also seen a strong commitment to climate action from the Bainbridge community providing a unique opportunity to show how a community of determined individuals can work together to reduce greenhouse gas emissions.

In November 2020,

Bainbridge Island City Council approved the first-ever Bainbridge Island Climate Action Plan (CAP). This plan is a culmination of a three-year effort by the Climate Change Advisory Committee working with City of Bainbridge Island (COBI) staff, community stakeholders and the public. The CAP identifies key actions COBI and the community can take to help reduce greenhouse gas (GHG) emissions from building energy use, transportation, waste generation and disposal, and overall consumption, while also building resilience to keep our people and our environment safe from climate change impacts.

Climate Action Plan Goals

GOAL 1

Reduce Greenhouse Gas Emissions

by 90% by 2045 compared to 2014 levels, with interim goals in 2025 & 2035.

2014

25% by 2025

60% by 2035

90% by 2045

GOAL 2



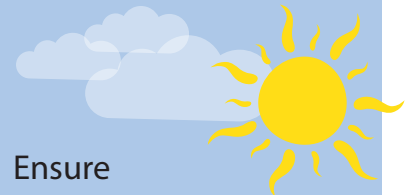
Ensure Bainbridge Island is

Climate Savvy

and can

Withstand the Impacts

of climate change.



GOAL 3

Inspire Community Action

and partner with local and regional organizations to take

Meaningful and **Equitable**

climate change mitigation and adaptation actions.



Key Achievements

November 2020 - October 2022

- **Hired climate action staff** to implement the Climate Action Plan
- **Hired climate action staff** specifically for community outreach and support
- **Passed new regulations** to reduce waste from single-use plastics
- **Adopted the Sustainable Transportation Plan** with a core focus on reducing GHG emissions
- **Added new bike lanes** including a new segment of the Sound to Olympics Trail
- **Purchased first electric vehicle** in the COBI fleet and installed first fleet-focused charging station
- **Selected as one of 12 communities** in the country to receive technical assistance for renewable energy and resilience from U.S. Department of Energy
- **Launched the Climate Smart Challenge** with more than 180 households participating through October 2022

We acknowledge that Bainbridge Island is within the aboriginal territory of the suq̓wabš “People of Clear Salt Water” [Suquamish People].

Expert fishermen, canoe builders, and basket weavers, the Suquamish People live in harmony with the lands and waterways along Washington’s Central Salish Sea as they have for thousands of years.

Here, they live and protect the land and waters of their ancestors for future generations as promised by the Point Elliot Treaty of 1855.

- **Received two grants** to map sea level rise vulnerabilities on the island
- **Evaluated six community disaster hubs** for solar panels and battery storage
- **Hosted climate action community workshops**, presentations and tabling events
- **Updated climate action resources** on the COBI website and in COBI communications
- **Created climate change lesson plans** for Grades 4-12 and piloted an after-school “Climate Smart 4th Grader” program

Implementation

New Climate Action Staff

COBI's first Climate Mitigation & Adaptation Officer began work in October 2021 and is supported by a term-limited Climate Action Outreach Coordinator that began work in June 2022. The Climate Officer is responsible for working with COBI staff and community members to develop programs, policies, and projects to implement the CAP. The Outreach Coordinator helps support education and outreach for the Climate Smart Challenge and the 2022 and 2023 single-use plastic waste reduction regulations.

Centering Equity in City Decision Making

A list of equity-centered questions was developed in early 2022 to build considerations of racial equity intentionally and explicitly into COBI decision making. Questions were adapted from the Local and Regional Government Alliance on Race & Equity "Racial Equity Toolkit: An Opportunity to Operationalize Equity." A draft equity lens tool was used by COBI staff in 2022 to review a possible ordinance requiring a transition to zero emission electric landscaping tools, such as leaf blowers. Questions from the equity lens tool were reviewed with both the Racial Equity Advisory Committee and the Climate Change Advisory Committee. This tool will continue to be utilized in

development of a potential community program and/or ordinance related to electric landscaping tools in 2023-24.

Applying a Climate Lens to City Projects

The CAP includes actions to consider climate change impacts in municipal projects to ensure decisions are climate informed. Working with a consultant, Bainbridge-specific resources were incorporated into a tool designed to better anticipate and respond to climate change impacts and future community exposure to risk under altered conditions. Training on use of the tool is planned for COBI staff in the next year.

GHG Emissions Inventory Update

COBI staff recently completed an updated GHG emissions inventory for municipal activities using 2019 data. Municipal GHG emissions increased 12% from 2014 to 2019, primarily due to an increase in water-related electricity use, diesel use for vehicles and equipment, and the amount of waste sent to the landfill. The next community GHG inventory is currently planned for completion in 2026 to assess progress in meeting the CAP goal to reduce GHG emissions 25% by 2025.

Energy

Renewable Energy & Resilience Assessment

In June 2022, COBI was selected as one of 12 communities nationwide to receive technical assistance as part of the second cohort of the U.S. Department of Energy's **Energy Transitions Initiative Partnership Project** (ETIPP). The ETIPP Community Technical Assistance program helps remote, island, and islanded communities transform their energy systems and increase energy resilience. COBI's application requested technical assistance to analyze the feasibility and associated costs of renewable energy options to move the community towards a goal of 100% renewable electricity by 2040, and to increase the resilience of electric systems on the Island, per actions outlined in the CAP. COBI staff is working with the National Renewable Energy Laboratory, Pacific Northwest National Laboratory and Spark Northwest, and with community partners from the School District, Fire Department, WSDOT, Washington State Ferries, Puget Sound Energy, Bainbridge Prepares, Sewer District 7, the Climate Change Advisory Committee, and Utility Advisory Committee on this program, which will run through the end of 2023.

Did You Know?

Puget Sound Energy (PSE) has an energy mix containing over 50% fossil fuels. While the **Clean Energy Transformation Act** requires the State's electricity supply be free of coal by 2025, carbon neutral by 2030 and 100% carbon-free by 2045, COBI's CAP has an even more ambitious goal, calling for all the Island's sources of electricity to be carbon-free by 2040 or sooner.

100% Green Power for City Facilities

COBI facilities are powered by 100% Green Power from PSE, via their large volume Green Power Program. While PSE's electricity fuel mix contains a combination of coal, natural gas, hydro, wind, solar, nuclear, and other, their large volume Green Power fuel mix is 91% wind and 9% biogas. By participating in the Green Power Program, COBI is matching 100% of standard electric use with renewable energy, which ensures that all municipal electricity use can be counted as zero emission electricity. COBI has participated in PSE's **Green Power Program** since 2015.



Did You Know?

COBI is designated as a **Green Power Partner** with the U.S. Environmental Protection Agency (EPA)! The EPA established the Green Power Partnership in 2001 to encourage organizations to use green power voluntarily to protect human health and the environment. In 2021, 9.4% of electricity used on the Island came from renewable sources.

Community Solar Evaluation

COBI worked with PSE in 2022 to complete an evaluation of a potential community solar location by the Transfer Station at Vincent Road. PSE determined that this site was not a viable candidate for community solar due to the lack of three phase power at the site.

PSE Franchise Agreement

COBI solicited feedback from the Climate Change Advisory Committee and the Utility Advisory Committee to draft a PSE Partnership Agreement addressing CAP goals

to increase renewable energy generation and energy efficiency on the Island. COBI will continue to work with PSE on the Partnership Agreement topics once the Franchise Agreement negotiation is complete in early to mid-2023. COBI staff is also working to support PSE's desire to increase their reliability by processing their requests for Comprehensive Plan land use map amendments, rezones, and code amendments related to development regulations that may hinder upgrade projects.

Zero Emission Landscaping Tools

Gas-powered lawn and garden equipment can contribute significantly to local and regional air pollution, with negative impacts for both people and the environment. In January 2022, COBI ordered zero emission, electric landscaping tools, such as leaf blowers and chainsaws, for a pilot test in COBI operations. As of November 2022, the tools were still awaiting arrival due to supply chain issues.



Transportation

Electric Vehicle

Carsharing Program

Mobility for All – a non-profit advocacy group based on Bainbridge Island – received \$193,247 in grant funding from the Washington State Department of Transportation's Zero-Emissions Access Program in July 2022. Grant funds will be used to purchase two electric vehicles (EVs) and install EV chargers in the City Hall parking lot for a community carshare pilot program. This program is expected to be up and running in early 2023.

EVs and Alternative Fuels

COBI's total motor vehicle fleet/equipment fuel usage makes up approximately 20% of annual GHG emissions from municipal operations. COBI is working to electrify its municipal fleet and to build an electric fueling infrastructure that will be resilient in the event of prolonged power outages. Several actions have been completed in support of this goal, including:

- Arrival of the first fully electric, zero emission Ford Mach-E in August 2022 and installation of a Level 2 charger at the Public Works Operations & Maintenance (O&M) Yard.
- An evaluation of the electrical system needs

and recommended infrastructure to charge EVs at COBI facilities. The final report recommends adding three Level 2 chargers behind City Hall to accommodate the addition of six planned EVs within the municipal fleet in the next two years.

- A request for qualifications to complete a needs assessment and recommend a strategy for converting all light-, medium- and heavy-duty COBI vehicles and fueling infrastructure to electric. A fleet electrification strategy is anticipated to be completed in mid-2023 and will help inform next steps for meeting the CAP goal to transition the fleet to primarily electric vehicles.
- A transition from diesel/biodiesel (B20) fuel to renewable diesel (R99) fuel in 2022. R99 fuel is derived from non-petroleum renewable sources, like vegetable oils, with no palm oil allowed, and reduces GHG emissions.



Increasing EV Charging on the Island

Updates to the zoning code were adopted in November 2022 to increase EV parking infrastructure on the Island. The new code updates establish minimum requirements for parking spaces with EV supply equipment (chargers) installed and parking spaces provided with sufficient electrical infrastructure to allow for the future installation of EV supply equipment in certain types of new development and expansion projects. These updates enhance EV parking requirements outlined in State [WAC 51-50-0429](#) that take effect July 1, 2023, and set an earlier effective date, January 1, 2023, for applicable commercial and multifamily developments on the Island.



City Hall Employees Bike to Work Day 2022

COBI employees participated in a Bike to Work event on Wednesday, May 18th. Despite a rainy, windy morning, at least 11 employees commuted by bike. All employees were invited to a lunchtime celebration with information on electric bicycle options, best practices for commuting by bike, the commute trip reduction program, and basic bicycle repairs.



Did You Know?

Almost 50% of car trips are less than 3 miles long – a great distance for a bike trip! If big hills are keeping you from making those short trips by bicycle, an electric bike – or e-bike – may be a good option.

New Sustainable Transportation Plan

In March 2022, City Council adopted the **Sustainable Transportation Plan** (STP) to reduce GHG emissions by building out a transportation network that is safe, accessible, and connected for sustainable modes of transportation. The plan establishes a new vision for mobility on the Island that will reduce carbon emissions and improve safety and mobility for all. With a focus on complete and connected networks that enhance the Island's natural systems, the plan identifies new projects, programs, and policies to provide safe, all-ages-and-abilities facilities for people traveling across the Island. Efforts are currently underway to implement the STP and to identify and analyze additional actions related to transportation that could reduce Vehicle Miles Traveled (VMT) and associated GHG emissions (see Appendix A). Work will continue through mid-2023 to complete the following tasks:

- Measure the GHG emissions reduction potential associated with the suite of projects identified in Scenario 2 in the STP to reduce VMT by on-road vehicles
- Identify and measure additional activities that could help reduce GHG emissions associated with on-road vehicles and VMT on the Island

- Improve the process and data sources for VMT data utilized in the community GHG emissions inventory
- Develop a multimodal transportation impact fee designed to assist with implementation of the STP
- Support transportation-related considerations as part of the upcoming Winslow Subarea Plan analysis

Did You Know?

Youth Can Now Ride Transit and Ferries for Free!

Transit and Washington State Ferry riders 18 and younger can take transit for free thanks to Move Ahead Washington, a statewide transportation funding package.

Transit: Riders 13 and older are encouraged to show one of the following to the driver, if available: Youth ORCA Card or Current High School or Middle School Student ID. Youth who do not have one of these can still ride for free.

Ferries: Youth 18 and younger riding as a passenger in a vehicle and those walking onto a state ferry ride for free. Drivers under 19 years old will continue to pay the adult vehicle and driver fare.



Did You Know?

You can ride the bus without cash!

Purchase an **ORCA card online** or on the Island at Safeway or at the new ORCA vending machine located outside the Bike Barn by the ferry terminal. You can also download the **Transit GO Ticket app** to buy tickets with your smartphone.

Have you tried BI Ride?

You can also use public transit to reduce your emissions. You can travel by bus on the Island all day long with BI Ride! **BI Ride** is an on-demand, shared-ride service for getting almost anywhere on Bainbridge Island. BI Ride is available weekdays from 8:45 am – 3:30 pm and Saturdays from 9 am – 6 pm.

Download the Ride Pingo app on the App Store or Google Play, create a profile, book your ride and the bus will pick you up. You can also call 1.844.424.7433 to schedule a ride. You can pay for your BI Ride trip with the Ride Pingo app, **Transit GO Ticket app**, cash, or your **ORCA card**.



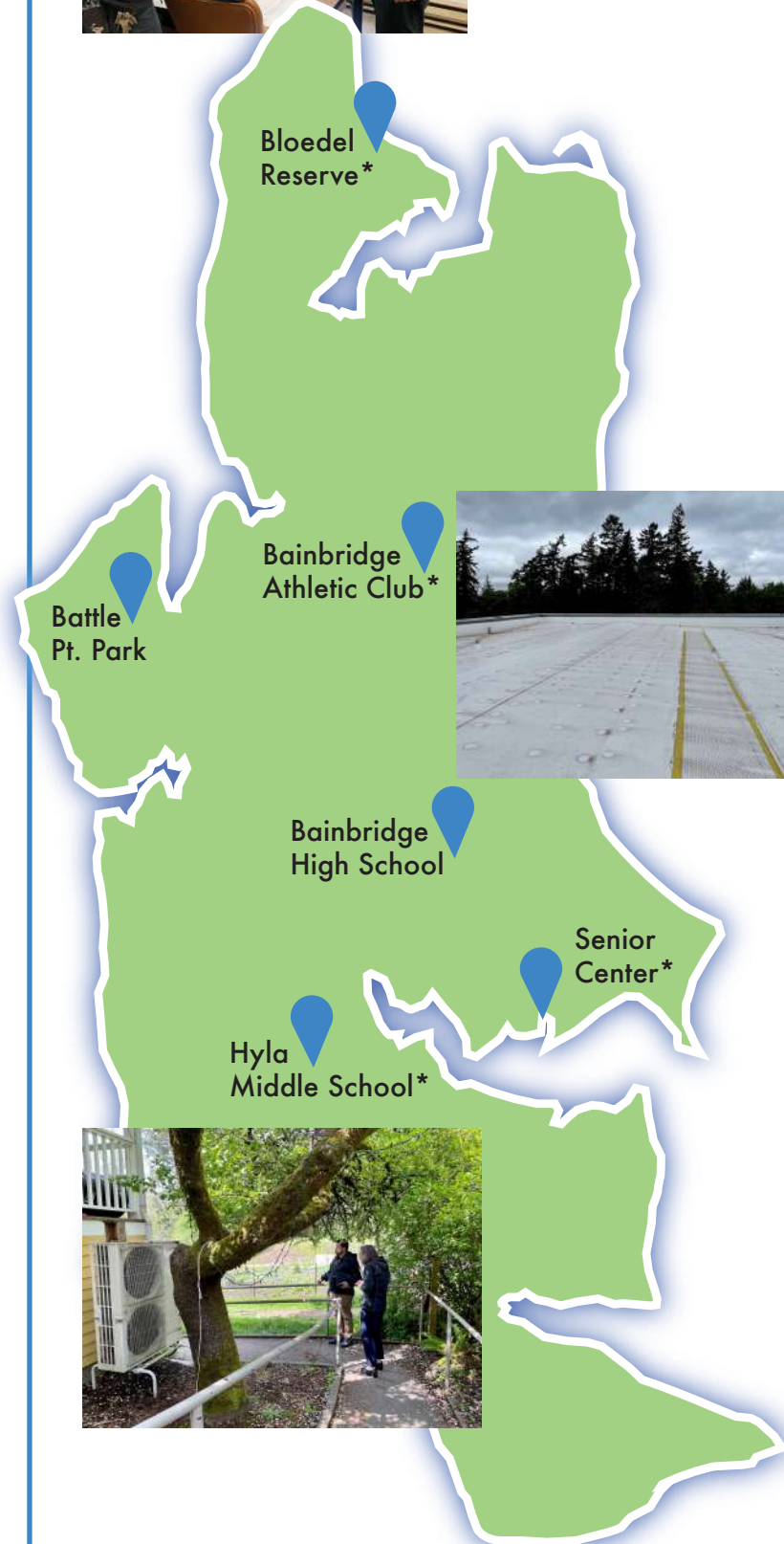
Buildings

Resilient Disaster Hubs

Community disaster hubs are strategically located across the Island to provide limited emergency services and a meeting point for neighbors following a massive disaster.

American Rescue Plan Act (ARPA) funds were used to evaluate the potential to install solar panels and battery energy storage systems that would allow for limited power during a prolonged power outage at six hubs.

Four of the six hubs (noted with an * on the map) have the potential to easily add solar panels based on a review of the structure, property, orientation and access to sunlight, facility energy use, and existing electrical infrastructure. Three of those sites were also identified as good candidates for battery energy storage. In October 2022, City Council authorized installation of additional solar panels at the Senior Center and to allocate \$104,000 of ARPA funds to the Solar Project from the Wastewater Beneficial Reuse Project to install solar panels and battery energy storage at Hyla School Middle School. Funding for the Hyla School project is conditioned upon the School providing any additional project funding, and ongoing maintenance of the panels and battery, as match.



Preparing for Sea Level Rise

Sea level rise poses a risk to public infrastructure on the Island. The most likely projections currently indicate that relative to the year 2000, the Island will experience one foot of sea level rise by the year 2060. Preparing for sea level rise is a priority focus in the CAP.

- **Mapping Sea Level Rise on the Island:**

COBI received two grants to complete a high-resolution assessment of local sea level rise impacts in 2023. Grant funds will be used to identify public infrastructure most at risk and start developing adaptation strategies to protect roads, water pumps, sewage infrastructure and other infrastructure on the Island.

- **Increasing Utility Infrastructure Resilience:**

COBI recently completed the Yeomalt Emergency Drainage Repairs project to install a tidal valve on a stormwater outfall to prevent upland flooding during excessive high tides. COBI is currently designing options to relocate the Wing Point Sewer Pump Station out of a tidal zone that is impacted by sea level rise.



Providing Cooling During Extreme Heat Events

COBI opened the Senior Community Center as a cooling center in June and August 2021 in response to excessive heat warnings. Air conditioning and water were available for visitors, and BI Ride and Island Volunteer Caregivers provided rides to the Center as needed. Cooling centers are opened on the Island when temperatures are at 90 degrees or hotter for four or more hours, based on the official National Weather Service forecast. COBI also purchased five portable air conditioner units that are available for community members via requests submitted to the Senior Center or Island Volunteer Caregivers.

New Resident Resources for Wood Fire Alternatives

Burning wood produces emissions that are widely recognized as harmful to human health. Many of these harmful emissions can occur both indoors and outdoors and can pose a risk to children, older adults, and people with heart disease, asthma, and other lung diseases. New resources regarding electric heat pumps, EPA certified wood stoves and clean burning practices—including a short video – are available on the [City website](#).

Natural Environment

Puget Sound Climate Preparedness Collaborative

COBI joined the [Puget Sound Climate Preparedness Collaborative](#) in 2022.

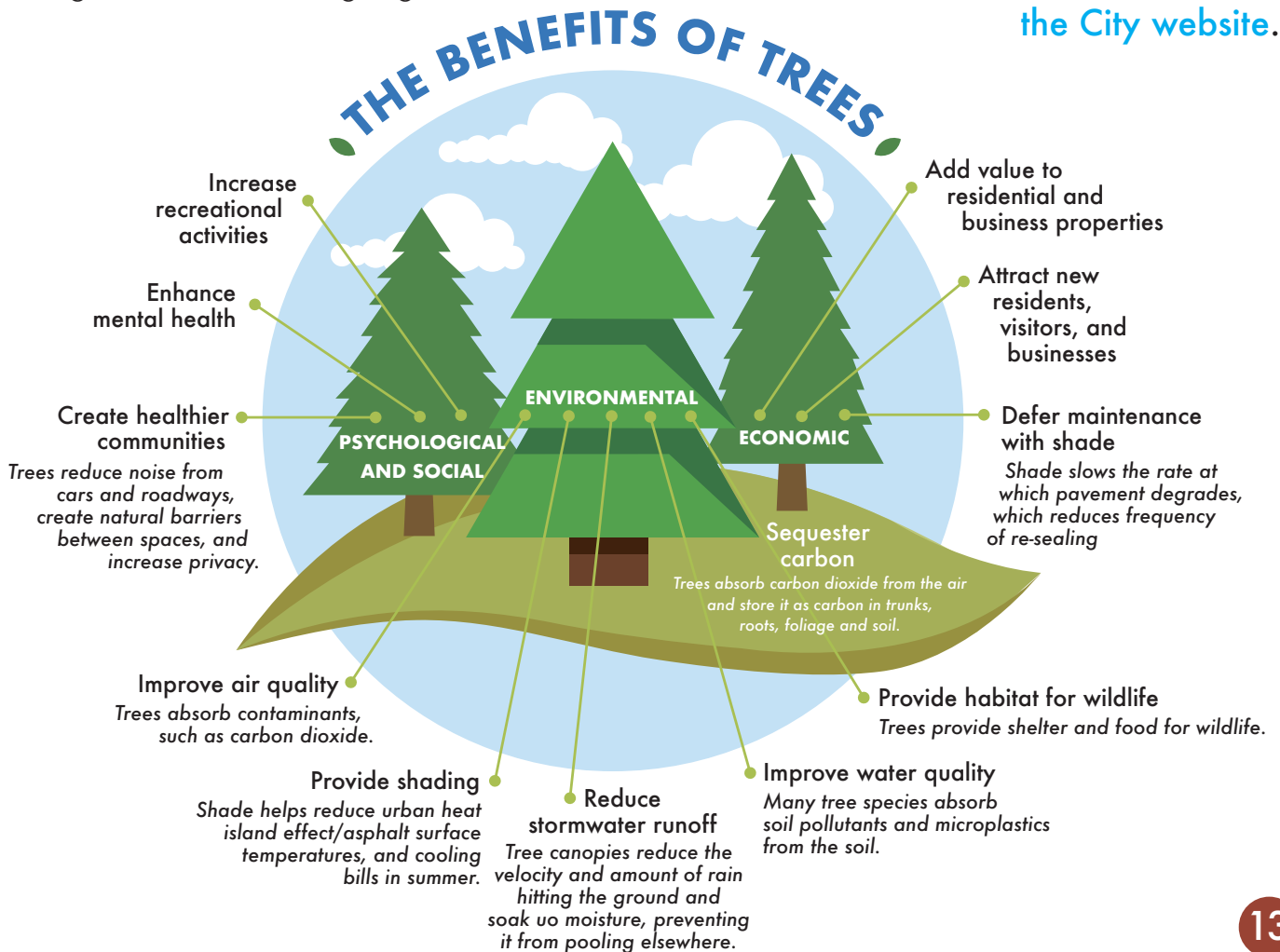
The Collaborative is a forum for peer-to-peer learning and cross-disciplinary exchange of information, ideas, and opportunities related to climate preparedness.

It also serves as a medium for amplifying organizational preparedness priorities, needs, and ideas with other stakeholders, including local and tribal governments, state and federal agencies and other Puget Sound organizations working together to

ensure that the economy, environment, and all community members are resilient to the impacts of climate change.

Climate Smart Tree Resources

COBI's Arborist and Climate Officer hosted a community webinar in September 2022 to talk about urban trees, including how to choose the right species for the right space, how to plant correctly, and how to care for trees to maximize their success rate. The webinar highlighted five key things to think about when planting urban trees and can be viewed as a [YouTube recording on the City website](#).



Preparing for Climate Change Impacts

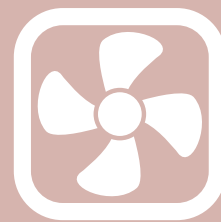
Wildfire Smoke

Several wildfires in September and October 2022 produced multiple days of unhealthy air quality in the Puget Sound region. At one point in October, Seattle had the worst air quality in the world, according to IQAir, a Swiss company that measures air pollution. The Puget Sound Clean Air Agency noted UNHEALTHY to VERY UNHEALTHY conditions across the Puget Sound region and recommended everyone take precautions to protect their health and stay indoors if possible.

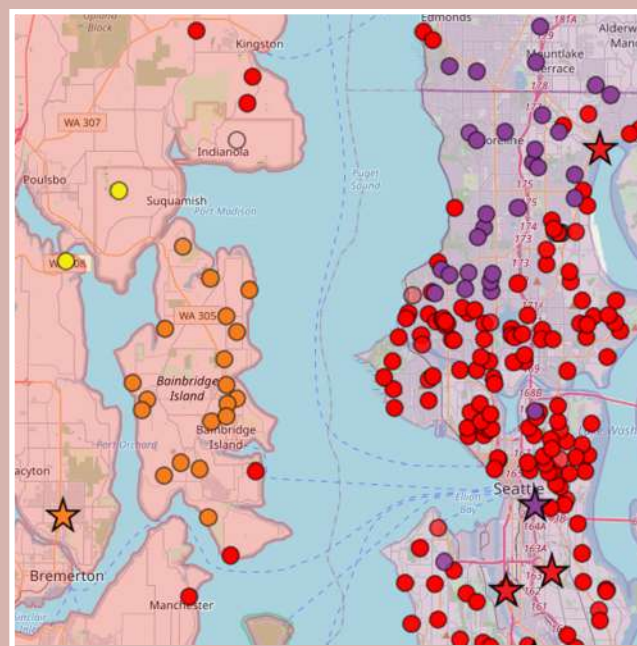
Wildfire smoke is a major threat to human health and the largest source of particle pollution in Washington. Breathing in smoke can irritate eyes and throats, and produce headaches, wheezing and coughing. For people who already suffer from a respiratory illness or heart disease, the effects are worse, and can even be life-threatening.

Climate researchers predict that the number of acres burned each year in the west will continue to rise, as warmer winters reduce mountain snowpack, and hotter summers dry foliage more quickly, setting the stage for wildfire. Learn more about air quality and how to protect yourself during smoke events at pscleanair.gov.

Reducing Exposure to Smoke Pollution



One easy and affordable way to make your own air cleaner at home is with a box fan and a furnace filter. These “filter fans” can filter out the small particles that are common in wildfire or wood smoke. Particle pollution can lead to a number of immediate and long-term health impacts such as trouble breathing, asthma attacks, and lung and heart disease. Particle pollution is especially dangerous for children, the elderly, and people with sensitive immune systems. Learn how to make your own filter fan at pscleanair.gov.



- Moderate (50-100 AQI)
- Unhealthy for Sensitive Groups (101-150 AQI)
- Unhealthy (151-200 AQI)
- Very Unhealthy (201-300 AQI)

Air quality sensor map on October 20, 2022 from the Puget Sound Clean Air Agency: pscleanair.gov/sensormap

Waste

New Rules for Reducing Single-Use Plastic Waste

In June 2021, City Council passed Ordinance 2021-18, which only allows single-use food service products to be provided when a customer asks or confirms they would like to use them. In November 2021, City Council adopted Ordinance No. 2021-34 to reduce plastic waste from food service and lodging businesses. Both ordinances were passed in support of a priority action in the CAP to reduce single-use plastics to protect the marine environment and reduce GHG emissions.

New Regulations in 2022

Starting in 2022, single-use food service products can only be provided when a customer asks or confirms they would like to use them.

Single-use food service products include:

- Utensils
- Straws/stirrers
- Condiments in packaging
- Beverage cups and/or lids (beverage cup lids for hot beverages or beverages for delivery, drive-thru, or curbside pickup are still allowed without customer request)

New Regulations in 2023

Starting in 2023, retail food and lodging establishments will have new requirements to reduce plastic waste associated with onsite dining, to-go food orders, and packaging for personal care products.

The new regulations:

- Prohibit disposable plastic food service ware
- Require reusable food service ware for on-site dining
- Require that disposable food service ware be “home compostable”
- Prohibit the use of expanded polystyrene-based food service ware (all plastics #6 and Styrofoam) for prepared food
- Require a 25-cent fee for disposable cups
- Encourage the use of refillable dispensers for personal care products in lodging establishments
- Prohibit the distribution of single-use personal care products not packaged in “home compostable packaging”



2023 Food Retail Establishment Guidelines



USE REUSABLES!



REQUIRED: Use reusable instead of disposable food service ware for onsite dining.

- Use reusables made from metal, ceramic and glass for onsite dining
- Encourage consumers to bring their own reusable to-go containers
- Consider services that provide reusables for to-go orders

CHOOSE HOME COMPOSTABLE



REQUIRED: Use home compostable food service ware made with natural fibers (e.g., paper, sugarcane, bamboo, etc.) for to-go orders.

- Required for disposable food service ware, including plates, bowls, cups, utensils, clamshells, deli containers, etc.; these natural fiber items must be PFAS-free and certified by BPI, CMA or another City-approved third party
- Required for single-use food service products including utensils, straws, stirrers, condiments in packaging, and beverage cups/lids
- Home compostable products with plant based, non-synthetic liners (e.g., corn-based PLA liners) are allowed

REFUSE PLASTIC!



NOT ALLOWED:

Plastic, disposable food service ware is not allowed for onsite dining or to-go orders.

- Food service ware made from petroleum based plastic or synthetic, compostable plastic is not allowed
- Natural fiber products with synthetic, petroleum based plastic liners are not allowed
- Expanded polystyrene food service ware (all #6 plastics and Styrofoam) is prohibited
- Condiments served in disposable, individual serving packaging are not allowed for onsite dining
- Single-use food service products must only be distributed upon request

Learn more at:

www.Bainbridgewa.gov/ZeroWaste

Business Waste Reduction Efforts

COBI partnered with the Bainbridge Island Chamber of Commerce (Chamber), Bainbridge Island Downtown Association (BIDA), and Bainbridge Island Zero Waste to administer the Business Ambassador program in 2021 and 2022. Business Ambassadors visited retail food and lodging businesses subject to the 2022 and 2023 waste reduction regulations and worked with COBI staff to develop educational and resource materials for both business staff and customers. Free posters and tabletop tents communicating changes for customers are available for local businesses to pick up at the Chamber or City Hall. Detailed information about the 2023 requirements, including an example list of compliant, home compostable products, is also available on the [City website](#).

Erase the Waste Pledge

Businesses that pledged to reduce their use of single-use plastics before the new, 2023 requirements go into effect received recognition as a Climate Smart Bainbridge business leader. Participating businesses received free social media promotion, newspaper advertisements, and a PVC-free window cling to showcase their waste reduction leadership. Residents were also invited to complete a complementary customer pledge to reduce their use of single-use plastic and

support participating businesses. A total of nine businesses and 23 residents had taken the pledge through November 2022.

Participating Businesses:

- The Island School
- Town & Country Market
- OfficeXpats
- The Madison Diner
- Bainbridge Island Chamber of Commerce
- The Quality Inn & Suites
- Bainbridge Vineyards
- SuBI Japanese Restaurant
- Cups Espresso and Cafe



Zero Waste at Celebrate Bainbridge

COBI partnered with the Chamber, BIDA and Bainbridge Island Zero Waste to create a series of Climate Smart Bainbridge initiatives for inclusion at Celebrate Bainbridge activities in July 2022. Events included hydration stations to refill water bottles, a display at the library encouraging patrons to bring their own beverage containers to events, and educational materials to promote both the 2023 waste reduction regulations and the Climate Smart Challenge at the July 3rd Street Dance and the Grand Old Fourth Street Fair.

Solid Waste System Review

The CAP includes specific targets to reduce waste-related emissions, with goals to reduce residential, commercial, and industrial waste generation; increase diversion of waste from the landfill; and optimize collection and disposal systems to minimize GHG emissions. COBI is currently working with a consultant to conduct a comprehensive evaluation of the Island's solid waste and recycling structure to determine efficiency and effectiveness. Bainbridge Island is currently served by Bainbridge Disposal, a locally owned waste management and recycling company, regulated by the Washington Utility and Transportation Commission. COBI does not have a local franchise agreement with Bainbridge Disposal and is exploring options to improve landfill diversion, reduce organic waste, improve the range and type of services provided on the Island, and develop a solution for the placement of trash receptacles along narrow public rights of way.

A report outlining next steps for COBI to accomplish waste-related goals outlined in the CAP is anticipated in mid-2023.

How is waste managed on Bainbridge Island?

Solid waste includes household and commercial garbage, recyclables, yard and organic waste, construction debris and bulky waste items (i.e., appliances, furniture). Solid waste generated on the Island is aggregated at an on-Island transfer station and then trucked and shipped by rail to be landfilled in eastern Oregon. Recyclables are hauled to several different locations both within and outside Kitsap County. Most of the collected yard and food waste is trucked off Island to Belfair in Mason County and an unknown, but substantial, amount of green waste that is generated from residential, commercial, and agricultural activities is not captured for composting or other beneficial uses.



Community Engagement

Climate Smart Challenge

The **Climate Smart Challenge** is the core public engagement tool in support of the CAP. The Challenge encourages residents to think critically about both big and small changes they can make to reduce their climate impact, save money, and improve their health and the comfort of their home. Since launching in March 2022, more than 180 households have completed new actions to reduce more than 84 tons of GHG emissions.



Climate Action Lesson Plans

COBI recently created free lesson plans and activities to help students measure carbon footprints, identify concrete climate solutions, and address climate anxiety. Lesson plans with short videos and slide decks for Grades 4-6 and Grades 7-12 are available to download on the **City website**. Climate Smart **coloring sheets** are also available for younger audiences.

Climate Smart 4th Grader Pilot Program

COBI staff administered a “Climate Smart 4th Graders” after-school pilot program at Ordway Elementary in Fall 2022 with the help of the Ordway PTO. Approximately 14 students participated in a six-week session to learn about climate impacts and solutions related to home energy use, transportation, food choices and waste disposal.



Climate Smart Teams

The Climate Smart Teams Program provides a fun and impactful way to learn about actions to both reduce GHG emissions and prepare homes and families for the impacts of climate change. The Teams Program includes a series of meeting agendas that focus on climate and sustainability solutions, emergency preparedness, and resilience with short videos, guided discussion questions, and a celebration to recognize the impact of team members who complete actions in the Climate Smart Challenge.

Climate Smart Leaders

The Climate Smart Leaders program celebrates and promotes individuals and groups that are active in the Climate Smart Challenge and taking the lead on climate action in the community. Leaders can be nominated by themselves or others by completing a short [nomination form](#). Climate Smart Leaders have:

- Earned at least 5,000 points in the [Climate Smart Challenge](#)
- Participated in the Challenge Teams Program
- Completed one or more of the "Big Actions" in the Challenge
- Taken other actions to lead on climate action in the community

Community Climate Action Resources

Residents can find climate change-related news and resources on various communication channels, including: the [City website](#), [COBI Connects](#), the [City Manager's Report](#) and COBI's social media pages, including [Facebook](#), Twitter and Nextdoor.

Climate Action Tabling & Presentations

Since October 2021, COBI staff and community volunteers have participated in eight community tabling events and provided 19 community presentations, reaching over 600 people. These community outreach

Congratulations to the first Climate Smart Leader on Bainbridge Island – Congregation Kol Shalom!

They recently received recognition as a "Certified Cool Congregation" for their efforts to replace an old fuel-oil boiler with efficient electric heat pumps. These efforts reduced their energy consumption by nearly 60%, saving thousands of dollars in energy costs and preventing 9.6 tons of carbon emissions annually.



efforts encouraged residents to sign up for the Climate Smart Challenge and educated the public about actions to reduce GHG emissions and the 2022-2023 single-use plastic waste reduction ordinances.

Senior Center Focus Group

A student with the University of Washington's Program on Climate Change completed a capstone project working with senior citizen members of the Bainbridge Island community, in partnership with the Climate Change Advisory Committee. The goal of the project was to identify climate change actions residents are willing to take, and areas where there may be reluctance or resistance to taking actions. A virtual workshop was held with members of the Senior Center in February 2022 and the student presented a final report at the April 20, 2022 Committee meeting.

Appendix A

Implementation of Sustainable Transportation Projects as of October 2022

Name	Description	Schedule
Sportsman/New Brooklyn Sidewalks	Multi-use sidewalks at the Sportsman/New Brooklyn intersection	Complete
Madison Avenue Sidewalks and Bike Lanes	Separated bike lanes and wider sidewalks on the east side of Madison between Wyatt and New Brooklyn	Begin construction in Q3 2023
Connecting Centers –Bucklin/Fletcher	Separated bike lanes on both sides between Blakely and Fletcher Bay	Preliminary design
Connecting Centers –Eagle Harbor Drive	Enhanced bike facilities along Eagle Harbor, to the Head of the Bay	Begin construction in Q3 2024
Connecting Centers –Wyatt Way	Enhanced bike facilities from the Head of the Bay to Nicholson; safety improvements at Finch intersection	Begin construction in Q3 2024
Dana’s Trail	Hard surface trail between Sakai Park and New Brooklyn; final segment to be completed in conjunction with Winslow water tank replacement project	Construction started; completion expected in 2025
Grow Avenue Traffic Calming	Minor traffic calming improvements between High School and Winslow Way	Preliminary design and construction in 2024
Farm Trail	Soft surface trail connecting Lovgreen and Day Road	Construction started; wetland mitigation and trail completion expected by end of Q1 2023
Electric Shuttle	Feasibility study and preliminary cost development for Island-wide and Winslow electric shuttle	Study to be developed in Q1 2023
E-Vehicle Share Program	Two Level 2 EV chargers at City Hall for electric carshare program and public use	Implementation to start in Q4 2022
Speed Limit Reform	Consistent and lower Island-wide speed limits	Speed limit adoption planned for Q4 2022
Transportation Benefit District Expansion	Refined concepts and estimates for Scenario 2 in the STP, including strategies for funding/financing	\$10 fee increase adopted by the City Council in Q4 to support STP projects and programs

Appendix A

Implementation of Sustainable Transportation Projects as of October 2022

Name	Description	Schedule
Sound to Olympics Trail (STO) – Copper Top Segment	30% design for Copper Top segment between Sakai Pond Connector and Madison Avenue	Preliminary design to start in Q4 2022
STO – Long Term Plan	Concept alignment for STO between Madison and Agate Pass Bridge	Concept planning to start in Q4 2022
STO – Grant Support	Grant procurement support for the STO Trail	RAISE grant support to start in Q4 2022
Sportsman/New Brooklyn Sidewalks	Multi-use sidewalks at the Sportsman/New Brooklyn intersection	Complete
Madison Avenue Sidewalks and Bike Lanes	Separated bike lanes and wider sidewalks on the east side of Madison between Wyatt and New Brooklyn	Begin construction in Q3 2023
Transportation Impact Fee Update	Transportation Impact Fee project list update and potential fee increase to support projects	City Council consideration in Q1 2023
Enhanced Street Maintenance	Increased focus on bike lane and shoulder maintenance	Staff increase included in proposed 2023-24 budget
Sweeper Purchase (Maintenance)	Small sweeper for bike lanes (and electric sweeper evaluation for sidewalks and bike lanes)	Purchases included in proposed budget for 2023 and 2027
Vehicle Miles Traveled Evaluation (STP Metrics)	Transportation/traffic model and metrics that can be used to evaluate the GHG emissions reduction impacts from STP implementation	Started in Q3 2022; model to be completed in Q2 2023
COBI Fleet Electrification	Replacement of COBI fleet vehicles with EVs and associated facility upgrades to support charging infrastructure	Fleet replacement strategy to be completed Q3 2023

Appendix B

Summary of CAP Actions and Progress to Date

	Action #	Description	Status
GHG Inventory	2.A.1.a	COBI will work with the CCAC to improve the accuracy and site-specificity of data for GHG emission categories that are currently based on regional models (particularly vehicles and air travel)	In Progress: Project underway to improve accuracy of transportation-related data for GHG inventory.
	2.A.2.a	COBI will complete the next GHG emissions inventory by 2022 for the year 2021. Complete the next GHG emissions inventory for the year 2025 by 2026 and then complete a GHG emissions inventory every 5 years thereafter.	Future Action: Municipal inventory updated for 2019. Community inventory planned for 2026 (using 2025 data).
	2.B.1.a	COBI, working with the CCAC, will approach academic institutions for assistance to plan more rigorous analysis methods, including ground-truthing of tree inventories. Collaborations may include student apprenticeships, student thesis research opportunities, or collaborative research grant proposals. Consider also joint studies with BILT.	Future Action
Energy	3.A.1.a	All COBI projects (e.g., Police Station, WWTP improvements) adopt requirements to use high-performance retrofit technologies where feasible (e.g., variable frequency drives in HVAC systems, heat recovery systems, and dedicated outdoor air systems).	Future Action
	3.A.1.b	Work with PSE to: 1) raise awareness about existing rebate and assistance programs that will increase access to energy conservation and efficiency programs, focusing on low-income households and nonprofit organizations; 2) explore creating new incentive/rebate programs; and 3) develop a local program to encourage homeowners that have sufficient potential to acquire customer-owned generation like roof-top solar and small wind turbines.	In Progress: PSE incentives and programs highlighted in Climate Smart Challenge. Submitted partnership agreement proposal to PSE seeking collaborative action to reduce GHG emissions and improve the safety and reliability of electricity on the Island.

Appendix B

Summary of CAP Actions and Progress to Date

	Action #	Description	Status
Energy	3.A.2.a	Use the Green Energy and Building Fund to provide incentives to building owners and residents to increase electrification conversions and battery storage and to assist in energy audits for residential home projects, including affordable housing (e.g., install energy conservation measures, provide financial incentives for existing building owners to transition from propane, fuel oil, and wood stoves to all electric buildings).	In Progress: Included 2023-24 budget request for a pilot program to transition Island homes to electric heat pumps.
	3.B.1.a	Work collaboratively with PSE, via the PSE Franchise agreement update and other mechanisms, to move towards a 100% carbon-free electrical supply, preferably sooner than the Washington State mandated goals.	In Progress: This is part of scope of work for the ETIPP program. Staff also received feedback from PSE regarding a willingness to work on the partnership agreement issues in an MOU format. This will not be finalized until after the ongoing franchise negotiation is completed in mid-2023.
	3.B.1.b	Work with PSE and others to develop incentive programs to increase installation of renewable energy and passive photovoltaic (PV) solar or other technologies on new and existing buildings.	Future Action
	3.B.1.c	Adopt a policy that prohibits propane, fuel oil, and wood stoves as the primary energy source for all new municipal, commercial, industrial, and residential buildings and in renovations and additions over a certain size.	Future Action
	3.B.1.d	Develop incentives for existing commercial, industrial, and residential buildings to replace propane, fuel oil, and wood stoves as their primary heating sources.	Future Action

Appendix B

Summary of CAP Actions and Progress to Date

	Action #	Description	Status
Energy	3.B.2.a	Develop and hold trainings/workshops for Island and neighboring communities' builders, contractors, architects, and homeowners that can help Bainbridge Island to implement the fuel-switch from carbon-based to electrification of the building stock.	In Progress: Topic highlighted in the Climate Smart Challenge.
	3.C.1.a	Work with PSE to develop a local program to encourage homeowners, businesses, and other entities like BISD, BIMPRD, and BIFP to acquire customer-owned generation like rooftop solar and small wind turbines.	In Progress: Topic highlighted in the Climate Smart Challenge.
	3.C.1.b	Research and develop microgrids for community Bainbridge Disaster Hubs (City Hall, Seniors Center, Bainbridge Island School District (BISD), Island Wood) in partnership with PSE and Bainbridge Prepares.	Future Action
	3.C.2.a	Work with partners (e.g., PSE) to determine the feasibility of developing large-scale neighborhood microgrids with customer-based storage or utility-scale energy storage, or a combined heat and power biodigester sited adjacent to the community pool.	Future Action
Transportation	4.A.1.a	Through the Sustainable Transportation Planning Process and other means, develop an ambitious plan to create networks of pathways required to achieve a substantial mode shift to biking and walking, including separated or protected biking and walking trails.	Complete: Sustainable Transportation Plan adopted by Council in March 2022; implementation currently underway.
	4.A.1.b	Increase City staff time or hire a consultant to enhance the City's capacity to identify and apply for sources of funding (such as federal grants for Safe Routes to Schools and public private partnerships for the needed infrastructure).	Future Action

Appendix B

Summary of CAP Actions and Progress to Date

	Action #	Description	Status
Transportation	4.A.1.c	Explicitly consider climate change mitigation (e.g., greenhouse gas reductions) when evaluating options as the City develops its Sustainable Transportation plan.	Complete: Reducing GHG emissions was the lead value in development of the STP with a goal to reduce carbon emissions by 90% by 2045
	4.A.2.a	Require incorporation of non-motorized transportation options into all new development, e.g., by including sidewalks or pedestrian trails linked to existing and planned trail/sidewalk networks; incorporating bicycle lanes and trails; etc.	Future Action
	4.A.2.b	Require all new development, and improve existing connections between developments, to accommodate non-motorized and public transit transportation options (including incorporation of bus shelters and other amenities).	Future Action
	4.A.3.a	In consultation with Kitsap Transit, develop a robust marketing/outreach/educational program to inform Island residents and those who traverse the Island from outside about public transit options, including park and rides (including, for example, information for Island visitors on bus/transit routes and options).	In Progress: COBI and Kitsap Transit are working on a marketing plan to promote BI Ride in early 2023. Included links to Kitsap Transit resources in the Climate Smart Challenge. Promoted Ride Transit month activities and resources in COBI communications in June 2022.
	4.A.4.a	Work with BISD on measures to discourage private-vehicle drop-offs and pick-ups, encourage car-pooling, biking and walking and promote greater use of school buses.	Future Action

Appendix B

Summary of CAP Actions and Progress to Date

	Action #	Description	Status
Transportation	4.B.1.a	Transition COBI's fleets to primarily electric vehicles and using biofuels where electric vehicles are not an option and encourage other Bainbridge Island taxing districts to also develop a plan.	In Progress: Received first EV for COBI fleet in August 2022. Completed an evaluation of the electrical system needs and recommended infrastructure to charge electric fleet vehicles at City Hall and the Public Works O&M yard. Released a Request for Qualifications to complete a comprehensive, system-wide assessment of EV needs for the municipal fleet and recommend a strategy for a multi-tiered vehicle purchase and replacement process.
	4.B.2.a	Evaluate current code to see if there is a need to increase the number of EV-charge-ready for all new development and major renovations and that multifamily units and commercial development include EV charging infrastructure and secure storage options.	Complete: Adopted zoning code updates to establish minimum requirements for parking spaces with EV supply equipment installed and parking spaces provided with sufficient electrical infrastructure to allow for the future installation of EV supply equipment in certain types of new development and expansion projects.
	4.B.2.b	Install additional charging stations in commercial centers, including Island Village, Coppertop, Lynwood Center.	Future Action
	4.B.3.a	Coordinate with Washington State Ferries, PSE, and other entities as necessary to evaluate the need for, and feasibility of, establishing charging infrastructure on the Island to service ferries.	In Progress: Included as part of large stakeholder discussion for ETIPP program.
	4.C.4.a	Adopt a city-wide anti-idling ordinance that includes an enforcement component and work with the WSF and State Patrol to reduce idling at ferry parking lots.	Future Action

Appendix B

Summary of CAP Actions and Progress to Date

	Action #	Description	Status
Transportation	4.C.5.a	Work with partners (e.g., Climate Action Bainbridge and Puget Sound Clean Air Agency) to provide public information on benefits of reducing air travel.	In Progress: Included as an action in the Climate Smart Challenge.
	4.C.5.b	Work with service providers to help our community develop and maintain the digital infrastructure it needs to enable more virtual meetings.	Future Action
Buildings	5.A.1.a	Adopt Green Building Task Force recommendations on green building practices and standards for all new municipal, commercial, industrial and residential building and all renovations and additions over a certain size.	Future Action: Initial recommendations from the Task Force could not be implemented due to State legislation.
	5.A.1.b	Require all new and renovated buildings to apply the EcoAdapt Climate Change Adaptation Certification Tool, or similar tool, to identify and avoid climate risks as part of the permitting process.	Future Action
	5.A.2.a	Develop training and outreach programs to provide technical assistance to developers, contractors, architects, landscape architects, city employees, and homeowners on green building that includes the cost/benefit to occupants of green building, use of reused and recycled materials, and the health benefits from green buildings to occupants.	Future Action
	5.A.2.b	Work with the BISD, BIMPD, and BIFD to ensure any new buildings they build consider green building standards and practices adopted by COBI.	Future Action
	5.B.1.a	As recommended by the 2019 CCAC Report on Sea Level Rise: 1) conduct a systematic, high-resolution analysis of exposure of City assets to sea level rise;	In Progress: Received two grants in 2022 to complete assessment of local sea-level rise impacts.

Appendix B

Summary of CAP Actions and Progress to Date

	Action #	Description	Status
Buildings	5.B.1.b	As recommended by the 2019 CCAC Report on Sea Level Rise: 2) create a prioritized list for addressing COBI assets at high risk of sea level rise (e.g., roadways that are expected in the coming decades to be sufficiently flooded that they will not be functional for motorized transit).	In Progress: Grant funds will be used to identify public infrastructure most at risk and start developing adaptation strategies to protect roads, water pumps, sewage infrastructure and other public infrastructure in 2023.
	5.B.1.c	As recommended by the 2019 CCAC Report on Sea Level Rise: 3) integrate sea level rise analysis into all City planning to identify and avoid or minimize risk to planned infrastructure and development.	Future Action
	5.B.2.a	COBI integrates sea-level rise analysis into all City permitting to help applicants identify and avoid or minimize risk to existing infrastructure and land uses and planned infrastructure and development from sea level rise or other climate impacts.	Future Action
	5.B.2.b	COBI hosts community workshops on climate impacts, how they might impact buildings, and how to prepare buildings for these impacts.	Future Action
Natural Environment	6.A.1.a	Ensure that the City is using the most appropriate, relevant and recent data and information about natural resources, climate change and other associated parameters in decision-making. If data sources are missing, identify how to obtain needed information.	Future Action
	6.A.1.b	Develop and adopt a comprehensive strategy for addressing invasive species on City lands to reduce these significant stressors on ecosystems. Comprehensive strategy adopted with targets for eradication and control. Mapping implemented.	Future Action

Appendix B

Summary of CAP Actions and Progress to Date

	Action #	Description	Status
Natural Environment	6.A.1.c	Evaluate all COBI land acquisition and development decisions for City lands or in City review of private development using the EcoAdapt Climate Change Adaptation Certification Tool (or other similar tool) to ensure decisions are climate informed.	In Progress: Training planned for early 2023 with initial COBI staff using an updated, customized copy of the Tool.
	6.A.2.a	Work with COBI arborist and partnering community groups, as appropriate, to create a preferred list of tree and plant species expected to be favored by climate change projections for use in City planning and restoration efforts. This list can also be used to advise local landowners and be applied to climate savvy development.	In Progress
	6.A.3.a	Conduct an assessment of stocking densities on COBI owned lands and evaluate forest health improvements and wildfire risk reduction.	Future Action
	6.A.3.b	Ensure that COBI policies prioritize wildfire risk reduction in proximity to homes consistent with FireWise guidelines and strengthen wildfire risk-reduction design guidelines for Island construction (residential and business) using approaches such as reviewing new subdivision standards for opportunities to integrate wildfire risk reduction.	In Progress: The Bainbridge Island Municipal Code was updated in 2021 to allow for certain wildfire mitigation activities, including tree removal and vegetation maintenance without a permit (in certain types of parcels). Additional clarification on the code amendments is being added to the Community Wildfire Prevention Plan (expected to be released in late 2022) and will be shared with the community. COBI and the Bainbridge Island Fire Department are currently evaluating the municipal code to determine what additional amendments are necessary to align with FireWise best practices. Any recommended changes will be presented to the Planning Commission and City Council in 2023.

Appendix B

Summary of CAP Actions and Progress to Date

	Action #	Description	Status
Natural Environment	6.B.1.a	Incentivize and maximize opportunities for incorporating water conservation features in Green Design and Building Codes.	Future Action: Note that all Housing Design Demonstration Projects (HDDP) would have to meet a minimum green building certification, which generally includes water conservation requirements. The Innovative Site design checklist for HDDP projects also has water conversation measures.
	6.B.1.b	Continue a robust surface water monitoring program that can identify trends in streamflow and water quality to inform adaptive management to protect stream health and integrate into monitoring climate change-sensitive parameters as appropriate.	In Progress
	6.B.2.a	Complete and implement COBI's Groundwater Management Plan, including incorporation of expected changes to groundwater inputs and outputs under climate change.	In Progress
	6.C.1.a	Ensure that planning for sea level rise on the timeframe relevant to any proposed action's lifetime impact is explicitly incorporated into the Shoreline Management Plan, including incorporating capacity for inundation and change to natural shoreline features, such as planting for shifting vegetative communities, infrastructure movement or abandonment to adapt to habitat loss at shoreline.	In Progress
	6.D.1.a	Work collaboratively with individual farmers and community groups including Friends of the Farms, Master Gardeners, and Kitsap Conservation District to identify and promote agricultural policies that increase carbon storage (e.g., soil sequestration) and hydrologic integrity, and reduce emissions including permaculture and reduced energy inputs (e.g., fertilizer, fossil fuels).	Future Action

Appendix B

Summary of CAP Actions and Progress to Date

	Action #	Description	Status
Natural Environment	6.D.2.a	Work collaboratively with Kitsap Conservation District to offer technical resources to livestock owners for manure management. Consider development of a memorandum of understanding and funding to support additional manure management efforts.	Future Action
	7.A.1.a	Centralize purchasing within COBI to increase consistent adherence to COBI's sustainable procurement policy.	Future Action
Waste	7.A.2.a	Adopt an ordinance to reduce the use of single-use plastic food service ware, including utensils and take-out containers, by all Island food service establishments.	Complete: City Council adopted Ordinance 2021-18 in June 2021 and Ordinance No. 2021-34 in November 2021.
	7.A.3.a	Educate the community about ways to reduce food waste and promote opportunities for viable food to get to those who need it, including food banks and neighborhood giving.	In Progress: Information included in Climate Smart Challenge.
	7.B.1.a	Work with Bainbridge Disposal to offer curbside compost pickup for all commercial facilities as a weekly service.	Future Action
	7.B.1.b	Require that all commercial entities participate in the green waste program once established and participate in recycling.	Future Action
	7.B.2.a	Require, and where appropriate provide incentives for, the reduction, collection and diversion of construction and demolition waste. Seek specific recommendation from the City's Green Building Task Force on this action.	Future Action
	7.C.1.a	Evaluate and support opportunities to better accommodate on-island or more local processing of green waste (e.g., through amendments to municipal code and allowed uses).	Future Action

Appendix B

Summary of CAP Actions and Progress to Date

	Action #	Description	Status
Waste	7.D.1.a	Apply the EcoAdapt Climate Change Adaptation Certification Tool to any new waste-related infrastructure projects.	Future Action
Community Engagement	8.A.1.a	Develop a dedicated climate change webpage on the City's website including links to climate mitigation/adaptation resources on the CCAC website and make the CAP widely available in on-line and print formats (copies at the library along with GHG inventory, Sea Level Rise analysis and Bainbridge Island Climate Impact Assessment that will be updated periodically by members of the CCAC.	Complete Visit: www.bainbridgewa.gov/ClimateAction . Print copies of the CAP available at the library and Senior Center.
	8.A.2.a	Include a climate change tip of the month as a regular feature in the City Manager's report and on social media.	Complete (and ongoing): Regular tips are posted in the City Manager's Report, on social media, and in COBI Connects.
	8.B.1.a	Declare a climate emergency.	Complete: Resolution No. 2020-05 was adopted by City Council in 2020.
	8.A.1.b	Be a regional leader in recognizing the important role that municipal governments can play in taking action to respond to climate change.	In Progress (and continually ongoing): COBI joined ICLEI – Local Governments for Sustainability and the Puget Sound Climate Preparedness Collaborative in 2022. COBI staff were also invited to participate in regional panel presentations on climate action leadership in local government.

Appendix B

Summary of CAP Actions and Progress to Date

	Action #	Description	Status
Community Engagement	8.B.1.c	Work cooperatively with other jurisdictions in Kitsap and King Counties (e.g., Poulsbo, Silverdale, Kingston, Bremerton, Seattle) and throughout Puget Sound to find regional solutions including mitigation and adaptation actions that would benefit from economies of scale or the sharing of lessons learned.	In Progress: COBI joined the Puget Sound Climate Preparedness Collaborative in 2022.
	8.B.2.a	Host workshops with hands-on demonstrations for community members to learn how to take specific actions (e.g., building a rain barrel, dehydrate food as part of emergency preparedness, build and use compost bin, use an electric bike, construct a rain garden, assemble an emergency kit, install less resource intensive landscaping).	In Progress (and ongoing): COBI held two community workshops in 2022 on the Climate Smart Challenge and urban tree selection and maintenance.
	8.B.2.b	Host events for community project(s) to bring people together to work towards mitigation and adaptation (e.g., building a community rain garden, working on a trail, making signs for bike/pedestrian routes, pulling ivy, planting climate resilient plants, and constructing community pea patch).	In Progress (and ongoing): COBI held two community workshops in 2022 on the Climate Smart Challenge and urban tree selection and maintenance.
	8.C.1.a	In coordination with the COBI attorney, review existing laws, regulations and policies and revise as needed by asking the following sorts of questions: <ul style="list-style-type: none"> • Are current City laws adequate to require, or at least encourage, GHG emission reductions from City regulated or endorsed activities as well as from individual activities? • Do they provide sufficient authority/flexibility to respond to impacts and emergencies? • Are recommended mitigation/adaptation actions allowed? 	In Progress: First code updates adopted in 2022 for EV parking infrastructure requirements.

Appendix B

Summary of CAP Actions and Progress to Date

	Action #	Description	Status
Community Engagement	8.C.2.b	Hire a COBI Climate Mitigation/Adaptation Officer to coordinate activities between and among the various city offices, inspect for compliance with climate related code compliance, and serve as a City staff liaison with the CCAC.	Complete: Climate Officer started in October 2021.
	8.C.1.c	Include Climate Change related expenditures in the City budget for education, code compliance, mitigation and adaptation action items identified in the CAP.	In Progress: Ongoing CAP budget proposed in 2023-24 General Fund budget.
	8.C.2.a	Work with Bainbridge Prepares, the Bainbridge Island Fire Department, and others, to establish community centers for recharging generators, cell phones during outages, and providing emergency food/water.	In Progress: Initial analysis of solar and battery energy storage potential completed at six community disaster hubs in 2022.
Implementation	9.A.1.a	Confirm COBI staff person to liaise with the CCAC until a dedicated Climate Change Mitigation/Adaptation Officer is hired.	Complete
	9.A.1.b	Identify a COBI staff person in each department who will provide information to the City staff liaison (Climate Change Officer) identified in Action 9.A.1.a. This person will provide department-specific information on timelines for completing actions and report on progress on CAP actions led by that department.	Complete: Internal CAP implementation team meets approximately once a quarter.
	9.B.1.a	Consider and minimize the potential for unintended and/or unequitable impacts from each action prior to implementation.	In Progress: Staff drafted and tested a list of equity-centered questions to build considerations of racial equity intentionally and explicitly into COBI decision making.

Appendix B

Summary of CAP Actions and Progress to Date

	Action #	Description	Status
Implementation	9.C.1.a	Produce a CAP progress report every year that includes a review of actions undertaken during the year and additional actions needed (including those currently listed as “other” rather than “priority” actions) to meet the CAP goals for reducing GHG emissions and preparing the Island for climate impacts.	Complete: Submitted 2021 memo to City Council. Developed 2022 annual report (i.e., this report).
	9.C.1.b	Update the GHG emissions inventory every three to five years.	Future Action
	9.C.1.c	Update the CAP every five years.	Future Action
	9.C.1.d	Prior to the five-year CAP update, evaluate the effectiveness of implemented actions in terms of progress towards goals and targets, in order to inform adaptive management. Consider creating a dashboard of key metrics as a tool for the evaluation and associated communications.	Future Action
	9.D.1.a	Develop cost estimates for the highest priority CAP actions and staffing requirements and list potential funding sources (in year 1).	Complete: Developed for 2022-2024 workplan items.
	9.D.1.b	Include a description in the City Manager’s proposed budget of existing and proposed projects that relate to CAP strategies and actions.	Complete: Developed for 2023-24 budget.