



Bainbridge Island Climate Action Programs

Autumn Salamack
Climate Officer

September 9, 2022

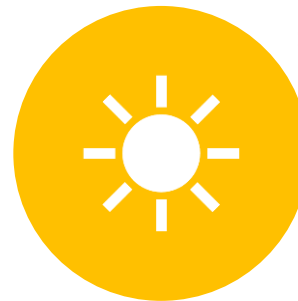




CLIMATE ACTION
PLAN OVERVIEW



WASTE REDUCTION
EFFORTS



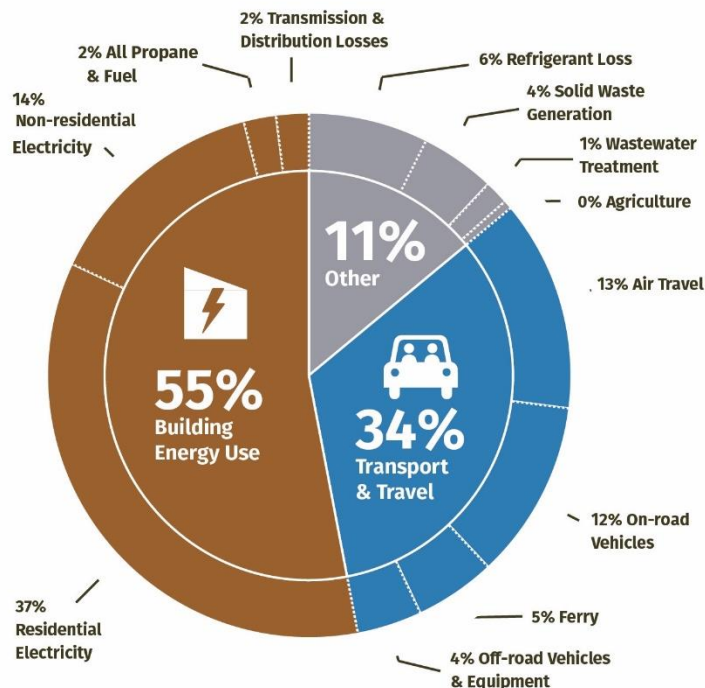
CLIMATE SMART
CHALLENGE

Outline for Today

Bainbridge Island Carbon Footprint and Goals

Community Overall Emissions

233,998 MTCO₂e



Climate Action Plan Goals:

1. Reduce GHG emissions

- 25% by 2025
- 60% by 2035
- 90% by 2045 (all compared to 2014)

2. Prepare our community for climate change impacts

3. Engage and educate community members

COBI Climate Action Staff



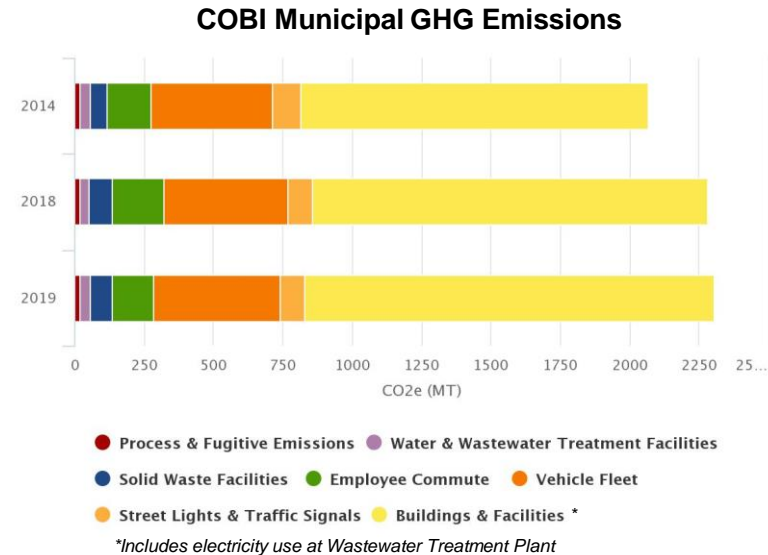
Autumn Salamack
Climate Mitigation & Adaptation Officer



Hannah Ljunggren
Climate Action Outreach Coordinator

CAP Actions : General

- Future climate change impacts for all City projects
- Budget and resources needs for CAP implementation in 2022, 2023-24
- Municipal GHG inventory for 2019



CAP Actions : Energy Use & Source

- Department of Energy program to evaluate 100% renewable electricity on the Island by 2030
- PSE franchise agreement and proposal for a partnership agreement
- Potential evaluation of:
 - Community solar project
 - Future anaerobic biodigester



CAP Actions : Transportation

- Sustainable Transportation Plan adopted
- COBI transitioning to:
 - Electric landscaping equipment
 - Electric fleet vehicles
 - Renewable diesel (R99)
- Community EV carshare program



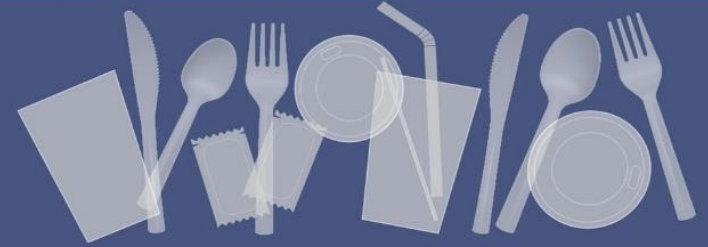
Images from Google

CAP Actions : Waste

Two ordinances passed by Council for reducing single-use plastics

- **2022:** single use plastics upon customer affirmation
- **2023:** reusable and home compostable requirements

TOGETHER WE CAN
ERASE THE WASTE



New Rules for Single-Use Food Service Items



Single-use cups, lids, straws, stirrers, utensils, and condiment packets are only available upon request.

Ordinance No. 2021-34 Requirements

Food Retail Establishments

Effective January 1, 2023

Prohibits:

- disposable plastic food service ware
- the use of expanded polystyrene-based food service ware for prepared food (All plastics #6 and Styrofoam)

Requires:

- reusable food service ware for on-site dining
- “home compostable” disposable food service ware
- a \$0.25 fee for disposable cups



Ordinance No. 2021-34 Requirements

Effective January 1, 2023

Lodging Establishments

Prohibits:

- distribution of single-use personal care products not packaged in “home compostable packaging”

Encourages:

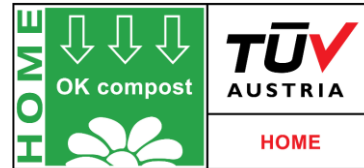
- use of refillable dispensers for personal care products in lodging establishments



Image from Groupon

Defining Home Compostable

1. Comprised of a natural fiber and/or able to break down or otherwise become part of usable compost in a safe and a timely manner in a non-industrial composting environment, **AND**
2. Free of all intentionally added fluorinated chemicals (PFAS-free), **AND**
3. Certified by BPI, CMA, or another City-approved third-party certification.



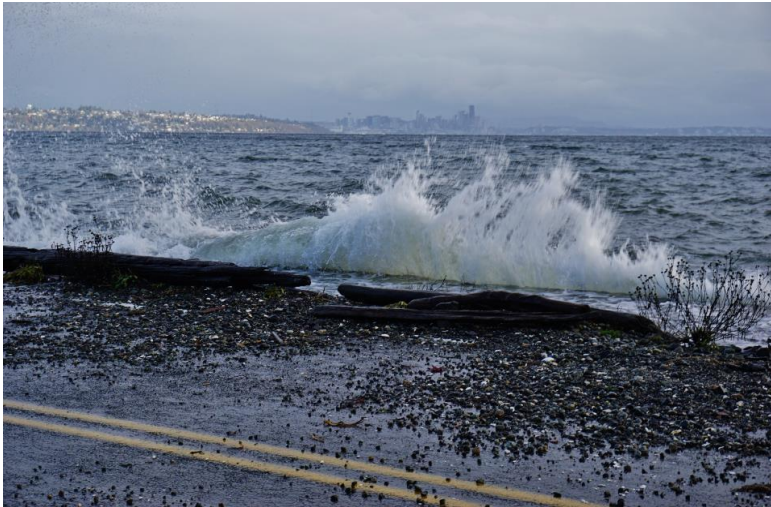
Erase the Waste Pledge

- Early adopter recognition for businesses that take action in 2022
 - PVC-free window cling
 - Free promotion
- Participating businesses
 - Island School
 - Town & Country Market
- Complementary customer pledge



CAP Actions : Resilience

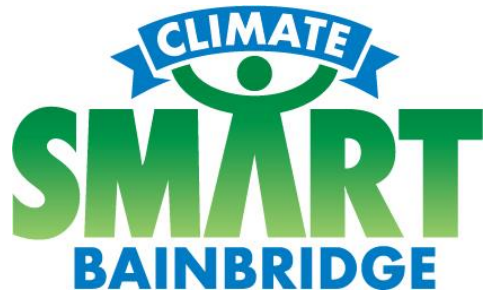
- Evaluating, preparing for sea-level rise and flooding



- Evaluating solar panels and battery energy storage at community disaster hubs
 - Waterfront Park Community Center
 - Bainbridge Island Recreation Center
 - Bloedel Reserve
 - Battle Point Park
 - Bainbridge Island High School
 - Hyla School

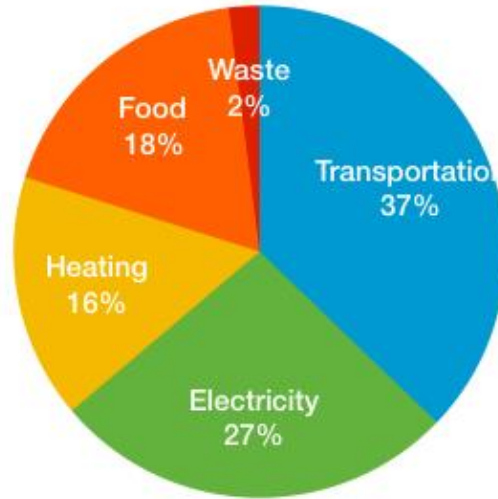
CAP Actions: Community Engagement

- New City website: www.bainbridgewa.gov/climateaction
- Climate Smart Challenge: www.ClimateSmartBainbridge.org





Household Greenhouse Gas Emission by Source



● Transportation ● Electricity ● Heating ● Food ● Waste

40% of emissions in the U.S. come from 5 basic household activities



Join the Climate Smart Bainbridge Challenge!
Do your part to fight climate change and create
a healthy future.

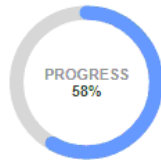
JOIN THE CHALLENGE

WHY JOIN? →



250

HOUSEHOLDS BY DECEMBER 2022
PARTICIPATION GOAL



100

TONS OF CO₂ BY DECEMBER 2022
REDUCTION GOAL

TOP COMMUNITY GROUP
Cedars UU Church

TOP TEAM
Bergs of BI

www.ClimateSmartBainbridge.org

Upcoming Events



RIGHT PLANT, RIGHT PLACE

Choosing appropriate trees for the urban environment

At this free, community workshop:

- Learn about tree selection, cultural conditions, species diversity, and planting tips for urban trees
- Review tree-related considerations in the City's Climate Action Plan
- Hear from the City Arborist and Climate Officer

When:

- Wednesday, September 14th
- 6:00-7:00 pm
- Zoom workshop

Sign up for the workshop at:

www.bainbridgewa.gov/climateaction



Table at the Farmer's Market:

- Saturday, September 24
- Saturday, October 1
- 10 am – 2 pm

Learn More

Autumn Salamack

asalamack@bainbridgewa.gov

206-780-8590

www.bainbridgewa.gov/climateaction

