



Environment & Climate Commission

# AGENDA

## REGULAR MEETING OF THE ENVIRONMENT AND CLIMATE COMMISSION

[Click here for the entire Agenda Packet](#)

**Wednesday, March 29, 2023  
6:00 PM**

**South Berkeley Senior Center  
2939 Ellis Street**

### **LAND ACKNOWLEDGEMENT**

The City of Berkeley recognizes that the community we live in was built on the territory of xučyun (Huchiun (Hooch-yoon)), the ancestral and unceded land of the Chochochenyo (Cho-chen-yo)-speaking Ohlone (Oh-low-nee) people, the ancestors and descendants of the sovereign Verona Band of Alameda County. This land was and continues to be of great importance to all of the Ohlone Tribes and descendants of the Verona Band. As we begin our meeting tonight, we acknowledge and honor the original inhabitants of Berkeley, the documented 5,000-year history of a vibrant community at the West Berkeley Shellmound, and the Ohlone people who continue to reside in the East Bay. We recognize that Berkeley’s residents have and continue to benefit from the use and occupation of this unceded stolen land since the City of Berkeley’s incorporation in 1878. As stewards of the laws regulating the City of Berkeley, it is not only vital that we recognize the history of this land, but also recognize that the Ohlone people are present members of Berkeley and other East Bay communities today. The City of Berkeley will continue to build relationships with the Lisjan Tribe and to create meaningful actions that uphold the intention of this land acknowledgement.

### **PRELIMINARY MATTERS**

#### **1. Call to Order and Roll Call:**

<b>Tregub, Igor</b>	Mayor	Mayor
<b>Ranney, Sarah</b>	Kesarwani	District 1
<b>Hedlund, Marc</b>	Taplin	District 2
<b>McGuire, Brianna</b>	Bartlett	District 3
<b>Tahara, Daniel</b>	Harrison	District 4
<b>Allen, Shannon</b>	Hahn	District 5
<b>Guliasi, Les</b>	Wengraf	District 6
<b>Lunaparra, Cecilia</b>	Robinson	District 7
<b>Gould, Ben</b>	Droste	District 8

**2. Public Comment:** Comments on subjects not included on the agenda (3-minute limit per individual)

**3. Approval of Minutes:** [Approval of Minutes from last meeting \(February 22, 2023\)](#)

4. **Agenda Check:** Commissioners may rearrange items on the agenda
5. **Update from Chair** (Chair Gould)
6. **Update from Staff** (Billi Romain & Rebecca Milliken)
  - a. Just Transition RFP closed 3/14/2023
  - b. OESD Staffing
  - c. Youth Commissioners
  - d. Form 700, due April 3
  - e. BESO upgrade requirement
  - f. Building Electrification Outreach:
    - i. April 22, 2 – 5PM, *Citizens' Climate Lobby Home Electrification Fair*, Brower Center: <https://cclalameda.org/electrification-fair/>
    - ii. May 20, 10AM – 12:30PM, *3<sup>rd</sup> Annual Virtual East Bay Green Home Tour*: <https://www.eastbaygreenhome.com/>

## ***DISCUSSION AND ACTION ITEMS***

7. **Presentation & Discussion:** [Zero Waste Strategic Plan](#) (Chrise de Tournay Birkhahn)
8. **Reports from Commission Liaisons**
  - a. Planning Commission (Ben Gould)
  - b. Transportation and Infrastructure Commission (Brianna McGuire)
  - c. Parks, Recreation and Waterfront Commission (Cecilia Lunaparra)
  - d. Zero Waste Commission (Sarah Ranney)
  - e. Disaster and Fire Safety Commission (Les Guliasi)
  - f. Housing Advisory Commission (Marc Hedlund)
9. **Workplan Subcommittee Updates**
  - a. Transportation Public Space Reallocation Subcommittee (Hedlund, McGuire, Lunaparra, Gould)
  - b. Native Plants and Pest Reduction Subcommittee (Ranney, McGuire, Allen)
  - c. Potential new subcommittees
10. **Items for Future Agenda**
  - Lead paint (April)
  - Community building electrification outreach
  - BESO development of upgrade requirement

## ***INFORMATION ITEMS***

11. **Communications**

## 12. Announcements from Commissioners

### ADJOURNMENT

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*This meeting will be conducted in accordance with the Brown Act, Government Code Section 54953. Any member of the public may attend this meeting. Questions regarding this matter may be addressed to **Billi Romain**, 510-981-7432, [bromain@cityofberkeley.info](mailto:bromain@cityofberkeley.info).*

*Communications to Berkeley boards, commissions or committees are public record and will become part of the City's electronic records, which are accessible through the City's website. Please note: E-mail addresses, names, addresses, and other contact information are not required but, if included in any communication to a City board, commission, or committee, will become part of the public record. If you do not want your e-mail address or any other contact information to be made public, you may deliver communications via U.S. Postal Service or in person to the secretary of the relevant board, commission, or committee. If you do not want your contact information included in the public record, please do not include that information in your communication. Please contact the secretary to the relevant board, commission, or committee for further information.*

*Any writings or documents provided to a majority of the commission regarding any item on this agenda will be made available for public inspection at the Planning Department located at 1947 Center Street.*



**COMMUNICATION ACCESS INFORMATION:**

This meeting is being held in a wheelchair-accessible location. To request a disability-related accommodation(s) to participate in the meeting, including auxiliary aids or services, please contact the Disability Services specialist at 981-6418 (V) or 981-6347 (TDD) at least three business days before the meeting date. Please refrain from wearing scented products to this meeting.

~~~~~  
I hereby certify that the agenda for this regular/special meeting of the Berkeley City Commission on Commissions was posted at the display case located near the walkway in front of the Maudelle Shirek Building, 2134 Martin Luther King Jr. Way, as well as on the City's website.  
Billi Romain, Commission Secretary





Environment & Climate Commission

**ENVIRONMENT AND CLIMATE COMMISSION DRAFT MINUTES**  
**Wednesday, February 22, 2023**

<b>Tregub, Igor</b>	Mayor	Mayor
<b>Ranney, Sarah</b>	Kesarwani	District 1
<b>Hedlund, Marc</b>	Taplin	District 2
<b>McGuire, Brianna</b>	Bartlett	District 3
<b>Tahara, Daniel</b>	Harrison	District 4
<b>Allen, Shannon</b>	Hahn	District 5
<b>Guliasi, Les</b>	Wengraf	District 6
<b>Lunaparra, Cecilia</b>	Robinson	District 7
<b>Gould, Ben</b>	Humbert	District 8

1. Call to Order and Roll Call

The meeting was called to order by Sarah Moore at 6:04 p.m.

Commissioners Present: Tregub (arrived at 6:10 pm), Ranney, Hedlund, McGuire, Tahara, Allen, Guliasi, Lunaparra, Gould

Commissioner Leave of Absence: None

Commissioner Absent: None

Staff: Sarah Moore, Valerie Nguyen, Ammon Reagan, Katie Van Dyke

2. Public Comments and Announcements:

8 member(s) of the Public

0 comment(s)

3. Approval of Minutes:

Motion/second to approve the January 18, 2023 Minutes (Allen, Giulisi). The motion carried 7-0-1-1; Ayes: Ranney, Hedlund, McGuire, Tahara, Allen, Guliasi, Lunaparra, Gould. Noes: None. Abstain: Tahara. Absent: Tregub

4. Agenda Check

5. Update from Chair

6. Update from Staff

- a. In-person meetings
- b. Berkeley Equity E-Bike Project (BEEP) Applications
- c. Just Transition RFP
- d. Community Services Specialist I (CSS I)
- e. Reminder for Commission packet materials

## ***DISCUSSION AND ACTION ITEMS***

7. Presentation & Discussion: Building Emissions Savings Ordinance (BESO) – Developing Single Family Energy Standards (Ammon Reagan)  
City Council amended Berkeley's Building Emissions Saving Ordinance (BESO) and directed staff to recommend energy upgrade requirements for Council's consideration. Staff is seeking feedback from the Commission and community on this work to develop an energy standard proposal for single family to accelerate existing building decarbonization.
8. Consideration of Action: Commission Officer Elections  
Motion/second to approve Gould as Chair (Hedlund, Tahara). The motion carried 9-0-0-0; Ayes: Tregub, Ranney, Hedlund, McGuire, Tahara, Allen, Guliasi, Lunaparra, Gould. Noes: None. Abstain: None. Absent: None  
  
Motion/section to approve Lunaparra as Vice-Chair (Hedlund, McGuire). The motion carried 9-0-0-0; Ayes: Tregub, Ranney, Hedlund, McGuire, Tahara, Allen, Guliasi, Lunaparra, Gould. Noes: None. Abstain: None. Absent: None
9. Reports from Commission Liaisons
  - a. Planning Commission (Gould)
  - b. Transportation and Infrastructure (McGuire)
  - c. Parks, Recreation and Waterfront Commission (Lunaparra)
  - d. Zero Waste Commission (Ranney)
  - e. Disaster and Fire Safety Commission (Guliasi)
  - f. Housing Advisory Commission (Hedlund)
  - g. Zoning Adjustments Board (Tregub)
10. Workplan Subcommittee Updates
  - a. Zoning Changes to Encourage EV Charging/ Discourage Gas Stations Subcommittee (McGuire, Allen, Lunaparra, Tahara)
  - b. Transportation Public Space Reallocation Subcommittee (Hedlund, McGuire, Lunaparra, Gould)
  - c. Native Plants and Pesticide Reduction Subcommittee (Ranney, McGuire, Allen)
11. Consideration of Action: 2023 Workplan  
Motion/second to approve the 2023 Workplan as revised during the meeting (Tregub, Hedlund). The motion carried 9-0-0-0; Ayes: Tregub, Ranney, Hedlund, McGuire, Tahara, Allen, Guliasi, Lunaparra, Gould. Noes: None. Abstain: None. Absent: None
12. Consideration of Action: Hopkins Bike Lanes Off Agenda Communication to Council  
Motion/second to approve the draft off agenda communication (Lunaparra, Ranney). The motion carried 8-1-0-0; Ayes: Tregub, Ranney, Hedlund, McGuire, Tahara, Allen, Lunaparra, Gould. Noes: Giuliasi. Abstain: None. Absent: None
13. Items for Future Agenda
  - Zero Waste Strategic Plan (March)
  - Lead paint
  - Community building electrification outreach

***INFORMATION ITEMS***

14. Communications

15. Announcements from Commissioners

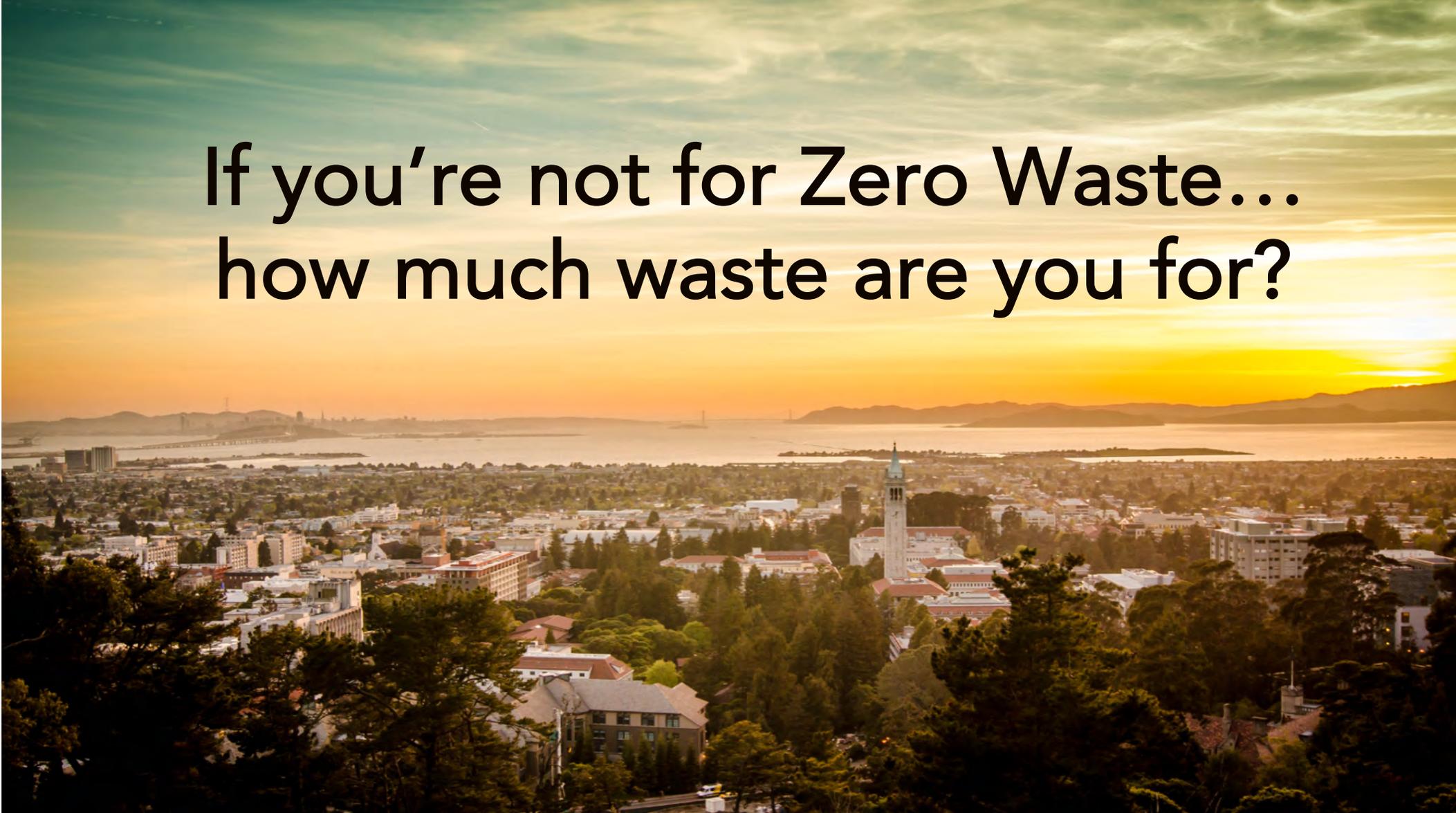
***ADJOURNMENT***

Motion/second to adjourn at 8:06 pm (Tregub, Gould)

Minutes Approved:

/S/ Billi Romain, Berkeley Energy Commission Secretary





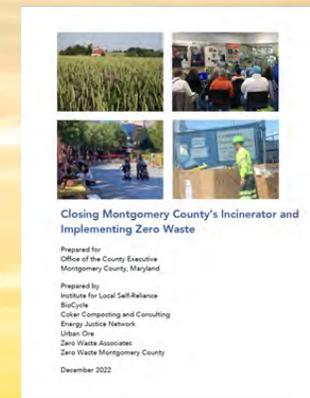
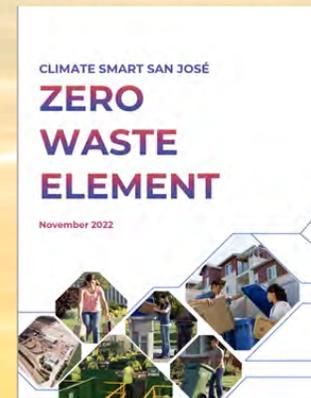
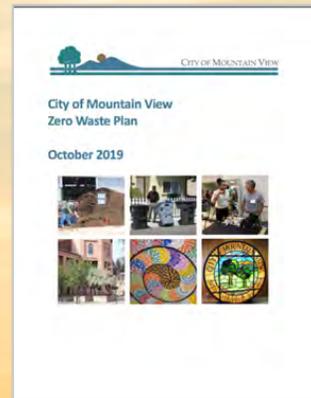
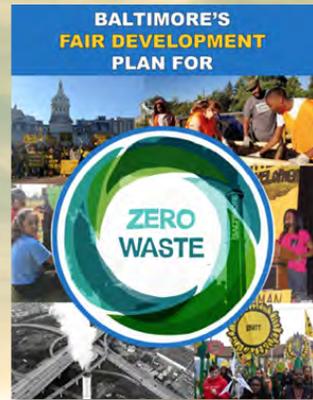
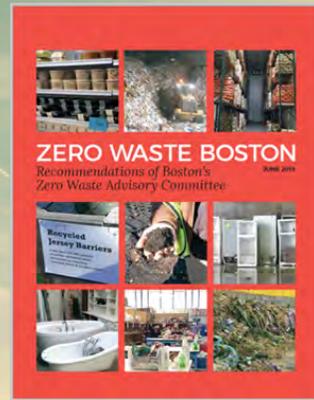
**If you're not for Zero Waste...  
how much waste are you for?**

# Zero Waste Strategic Plan

- Background
- Team
- Scope
- Schedule



# Recent Relevant Work



# Key Team Members



**Ruth Abbe**  
Project Manager



**Christienne de Tournay**  
Assistant Project Manager



**Portia Sinnott**  
Materials Characterization



**Gary Liss**  
Policy & Program Analysis



**Kevin McCarthy**  
Facility Integration



**Garth Schultz**  
Financial Analysis



**Steven Sherman**  
Operations Analysis

# Scope of Services

1. Review and Summarize Current Policies and Programs
2. Materials Composition Study
3. Review of the Zero Waste Division Operations
4. Outreach and Stakeholder Engagement
5. Transfer Station Feasibility Study Integration
6. New or Revised Zero Waste Programs, Policies and/or Ordinances
7. Zero Waste Program Outreach and Education Program Recommendations
8. Zero Waste Division Staffing
9. Develop Financial Analysis Showing Implementation Costs
10. Draft and Final Zero Waste Strategic Plan

# 1. Review and Summarize Current Policies and Programs

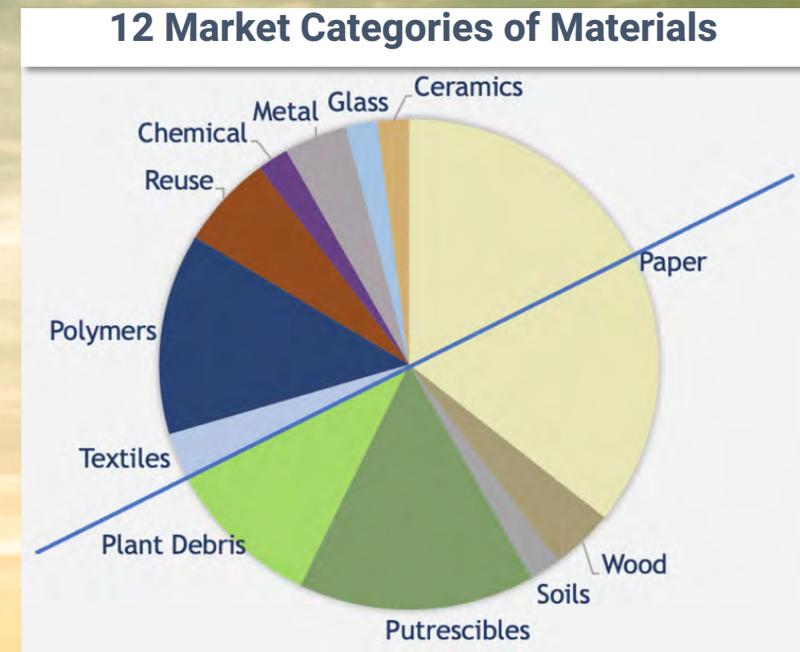
- Current material flows and diversion rates for reuse, recycling, organics recovery, and landfilling
- A summary of the existing policies, programs, and infrastructure
- Roles and responsibilities of the State, StopWaste, City, City contractors, and private operators



Sample fact sheet prepared by our team for the City of Los Angeles Zero Waste Plan

## 2. Materials Composition Study

- REFUSE
- RECYCLABLES
- ORGANICS
- CONSTRUCTION AND DEMOLITION
- SELF-HAUL
- BULKY GOODS
- LITTER CANS



Codified by Urban Ore and Richard Anthony Associates  
Note that 50% of discarded materials are compostable

# Paired Sampling

## Single Family, Multifamily & Commercial

- REFUSE
- RECYCLABLES
- ORGANICS



# Truck Sampling

## Third Party/Self-haul

- REFUSE
- ORGANICS
- CONSTRUCTION  
& DEMOLITION

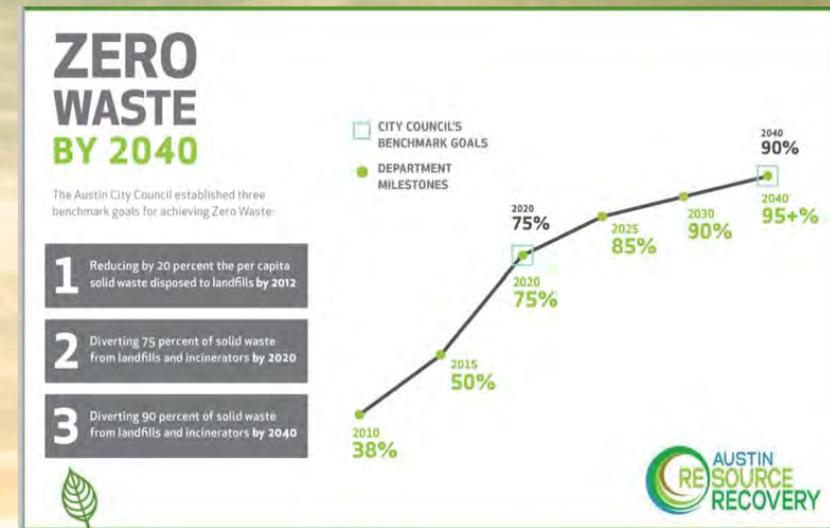
## City Trucks

- ROLL-OFF
- BULKY GOODS
- LITTER CANS



## 3. Review of the Zero Waste Division Operations

- System analysis summary
- Service opportunities summary
- Refined list of the Zero Waste initiatives for further consideration by the community



Benchmark goals prepared by our team for the City of Austin Zero Waste Plan

## 4. Outreach and Stakeholder Engagement

- 20 Listening Sessions
- 3 Online Town Halls
- 3 Public Workshops to be held across the City
- 3 Interviews or Meetings with City staff (not directly involved in the project)
- 3 Meetings with the Zero Waste Commission
- City Council study session or 3 Interviews or Meetings with City Council staff



Public Workshops in Broomfield

# Listening Sessions

- Contractors
- Large Generators
- Community-Based Organizations
- Neighborhood Organizations
- Others?



Berkeley Zero Waste Transfer Station - Stakeholder Listening Session

## 5. Transfer Station Feasibility Study Integration

- High-level project description and preliminary costs and schedule for implementation of the facility redevelopment
- Documentation of proposed changes to the conceptual design resulting from the Zero Waste planning process or environmental review milestones



## 6. New or Expanded Zero Waste Programs, Policies and/or Ordinances

- Completed Zero Waste Planning Checklist
- 20-30 Strategy Impact Analyses (2-3 pages each) for Zero Waste initiatives
- Presentation materials for community outreach



Los Angeles Solid Waste Integrated Waste Management Plan

## 7. Zero Waste Program Outreach and Education Program Recommendations

- Current education, outreach and technical assistance program summary
- Strategy Impact Analyses (2-3 pages) summarizing recommend program enhancements, staffing levels and costs



Door-to-Door Outreach in Oakland

## 8. Zero Waste Division Staffing

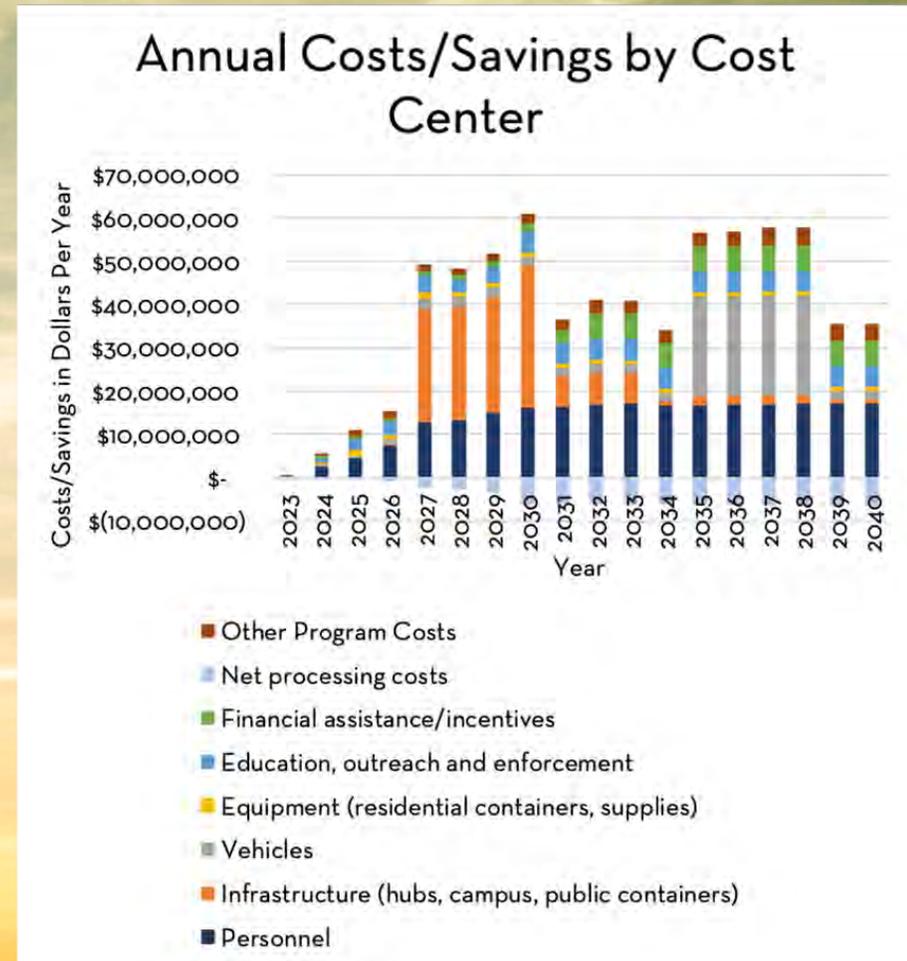
- Description of Zero Waste Division current staffing levels, functions and responsibilities
- Summary of benchmark survey results documenting current staffing levels and costs for similar operations



Lid Flipping in Sunnyvale

## 9. Develop Financial Analysis Showing Implementation Costs

- Information request on current rate structure information and prior rate structure analysis
- Summary of Zero Waste Strategic Plan implementation costs
- Evaluation of rate impacts and rate structure recommendations



# 10. Draft and Final Zero Waste Strategic Plan

- Outline
- Table of Contents, Figures and Tables
- Executive Summary
- Draft Plan, Final Draft Plan
- Presentation Slides



# Schedule

