



SF Environment

Our home. Our city. Our planet.

A Department of the City and County of San Francisco

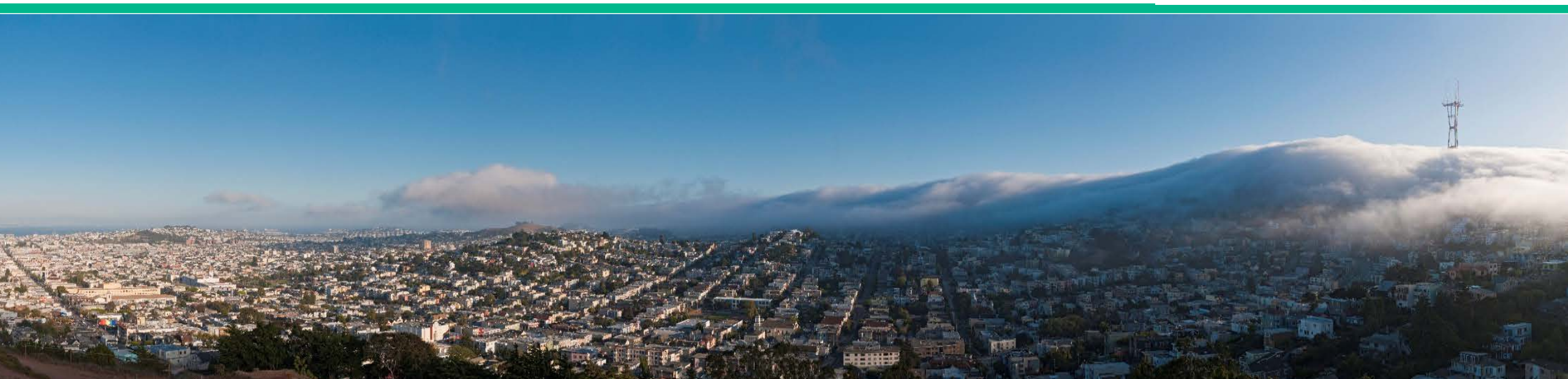
San Francisco Recycling and Composting Participation and Enforcement



Zero Waste

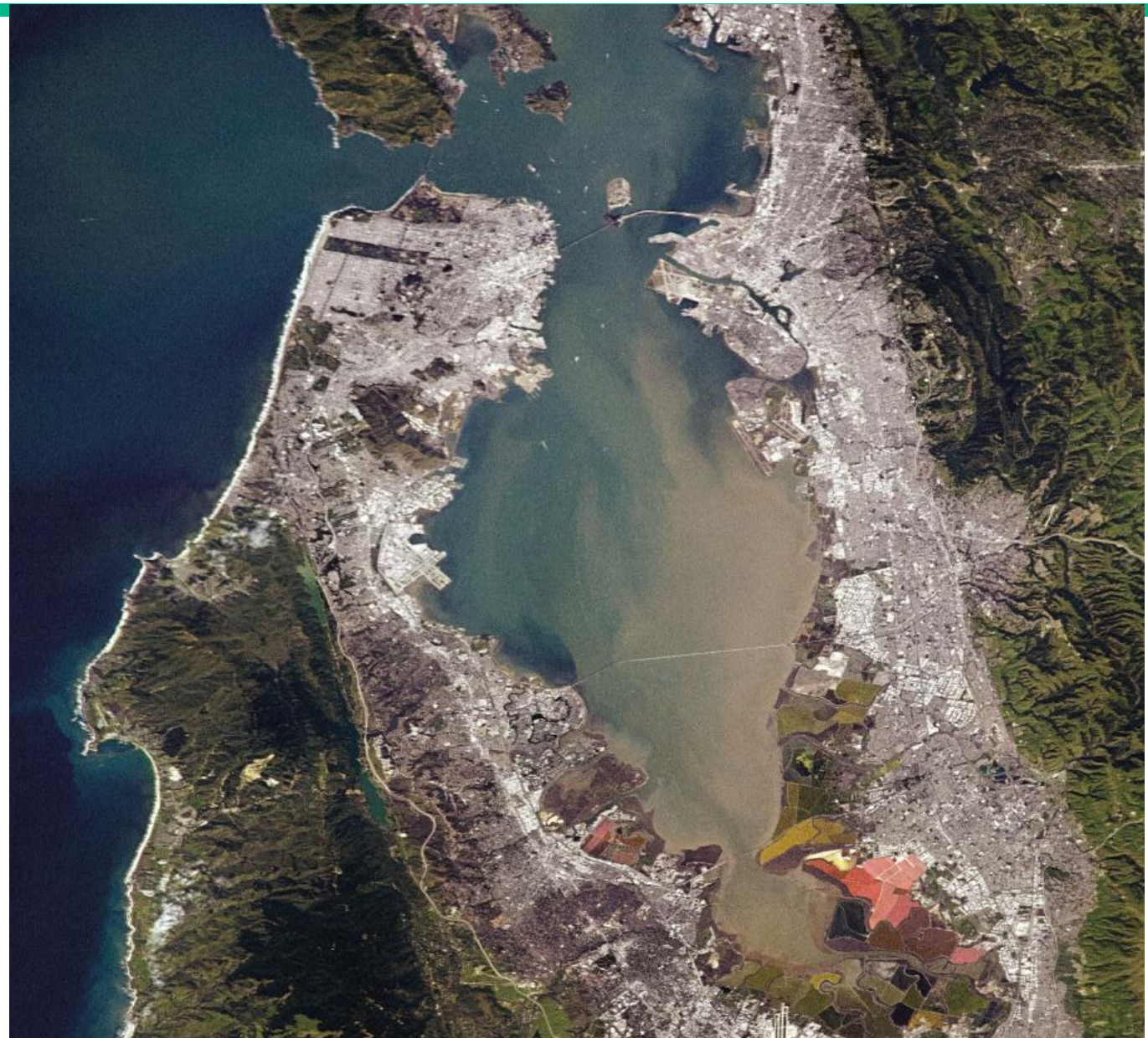


SAN FRANCISCO CLIMATE ACTION | **0 50 100** ROOTS





San Francisco, Bay Area





Government Agency





Zero Waste

To Landfill

To Incineration

Promote Highest & Best Use

Increase Consumer & Producer Responsibility



Ban Francisco!



Policies to Drive Zero Waste



- Styrofoam: 2006 & 2016 - **Food Service Waste Reduction Ordinance:**
Requires restaurants and food vendors to not use styrofoam food service ware and instead use food ware that is recyclable or compostable
- Single use bags: 2007, 2012 & 2019 - **Plastic Bag Reduction Ordinance:**
Requires the use of compostable plastic, recyclable paper and/or reusable checkout bags
10 cent 25 cent charge
- Straws, Utensils & Foodware: 2018 - **Single-Use Food Ware Plastics, Toxics & Litter Reduction Ordinance:**
Single use plastic straws available upon request
Requires that food service ware accessories be provided only on request or at self-service stations
Prohibits the sale or use of single-use food service ware made with fluorinated chemicals
- 2014 – **Bottled Water Ordinance:**
Restricts the sale or distribution on City property of drinking water in plastic bottles of 21 ounces or less
Bar the use of City funds to purchase bottled water
- 2011 – **Yellow Pages:** Opt-in

Mandatory Recycling & Composting Ordinance



Requirements for Businesses

Property owners/managers must provide:

- Color-coded, labeled bins in convenient locations:
Blue for recycling, Green for composting, and black for trash
- Education on what goes in each bin must be provided to tenants, employees, contractors, and janitors

Food vendors that provide disposable food service ware or to-go containers must:

- Provide color-coded, labeled bins for use by customers and visitors
- Place bins near a main exit



Comprehensive Participation



ENFORCEMENT
MANDATES
INCENTIVES
OUTREACH
PROGRAMS



What is **Recyclable** in San Francisco?



Pier 96: Material Recovery Facility (MRF)



650 tons per day at Pier 96



Backhaul low cost shipping across the Pacific



Compost Helps...



ROOTS

Capturing Carbon

Used to Grow the Food We Eat & Wine We Drink



What is **Compostable** in San Francisco?





BVON – Blossom Valley North, 700 TPD



Photo courtesy of Recology

Finished Product – Nutrient Rich Compost!



Photo courtesy of Recology



Compost Approved for Organic Growers



Photo courtesy of Recology

Compost Sold to Farms & Wineries





California's Black Gold



Photo by Larry Strong, courtesy

Roots Pull Carbon from Air Deep into Soil





Roots - Carbon Sequestration



Marin Carbon
Project



The Composting Cycle



Has Anyone Been to a Landfill?



What is **Trash** in San Francisco?



Comprehensive Participation



ENFORCEMENT
MANDATES
INCENTIVES
OUTREACH
PROGRAMS



Outreach: Awareness Campaigns



We compost in the Richmond because we want to be better than the Sunset.*



*Toss in the leftover broccoli. Healthy competition can be good for the planet.

USE THE GREEN BIN.



© 2011 SFParkRecycling.com

When you're through with that apple, we'd love the core.



By putting food scraps in your green cart, you help San Francisco reach its goal of zero waste and fight global warming.



SFEnvironment.org

Facing the aftermath

A great recycling moment



party. She's discovered that containers, use go. Find out exactly what

big.

Use the blue cart for:

- Plastic cups & containers
- Cans

Use the green cart for:

- Paper plates & leftovers

Start composting today.



Where you toss paper makes a world of difference.

Put it in the blue cart.



Outreach: Awareness Campaigns





Outreach: Awareness Campaigns



Outreach: Grassroots



Outreach: Special Events



Outreach: San Francisco Schools



Outreach: Create Jobs and Opportunities!!!





Outreach Tools: Customize Signmaker

STEP 1: CLICK ON THE SIGN YOU WANT TO CREATE

COMPOST
廚餘和污紙 DESECHOS Y PAPEL SUCIO

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Recology
Sustainable Waste Solutions
www.recology.com

RECYCLE
可回收的 PAPEL, BOTELLAS Y LATAS

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LANDFILL
垃圾填埋場 BASURERO MUNICIPAL

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Opportunity to Create Social Norms





Incentives: Pay as You Throw



Increased Savings for Recycling and Composting



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Small Landfill Bins



Enforcement



Thank You!!



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