



San Francisco Zero Waste Policies & Programs Preventing Marine Litter

Jack Macy
Zero Waste Program
Department of the Environment
City and County of San Francisco



Zero Waste Goals



- Goals of 75% diversion by 2010 and zero waste to landfill or incineration by 2020
- Follow reduce, reuse, recycle/compost and principle of highest and best use
- Achieved 80% diversion in 2010
- Landfill tons halved in 10 years to least on record

Zero Waste Strategy



- Establish convenient source separation programs
- Conduct extensive public outreach
- Provide generator & service provider incentives
- Adopt policies and enforce
- Develop material separation and recovery processing

Source Separated Door-to-Door Recyclables and Compostables Collection Designed For High Diversion



Glass and Plastic
Aluminum and Steel
5%

Recyclable
Paper
25%



Food Scraps
20%



Plant Trimmings
5%

Compostable Paper
& Fiber 10%



Other 10%

All % numbers by weight or tons



3 Stream Collection by Recology



Targeted Outreach



City Department & Commercial Assistance



Presentations



Waste audits



Multi-lingual training



Monitoring



Containers, Signs and Stickers





Event Collection – Signage, Monitoring, Sorting





On-going Outreach Campaigns



Recycling Infrastructure



Closing Carbon & Nutrient Loop



Ordinances



- Mandatory Recycling & Composting
- Food Service Waste Reduction
- Plastic Bag Ban and Charge
- Cigarette Litter Fee

Mandatory Recycling and Composting



- Property owners must pay for adequate refuse service
- Property, food vendor and event managers must provide color-coded, labeled bins and education
- Everyone must separate recyclables, compostables and trash
- Compostables collection increased 50% to 600 tpd



Food Service Waste Reduction



- Bans polystyrene foam for food prepared and served in San Francisco
- Disposable foodware must be compostable or recyclable



Checkout Bags

BRING YOUR
BAG.



- Covers all stores 10/12, restaurants 10/13
- Bans plastic bags
- Bags must be reusable, recyclable or compostable
- Stores charge 10¢ per bag provided



Cigarette Litter Abatement Fee

- Cigarette butts/packaging 25% of all litter
- Stores charge 20¢ fee per pack
- Fee funds litter clean-up and outreach
- \$5 million per year generated

Priority Actions To Reduce Marine Debris



- Outreach to reduce use of disposable food ware.
- Require Producer and Consumer Responsibility
- Put Charges on Items to Reduce Use and Deposits to Ensure Recovery
- Ban Problem Products

A high-angle, wide shot of the Golden Gate Bridge in San Francisco. The bridge's iconic red-orange towers and suspension cables are prominent. The bridge spans the Golden Gate Strait, with the city of San Francisco visible on the left and Marin County on the right. The water is a deep blue-green, and the sky is clear and blue.

Jack Macy
SFEnvironment

Questions?

www.SFEnvironment.org
jack.macy@sfgov.org
415-355-3751