



CLIMATE AND CLEAN AIR COALITION  
TO REDUCE SHORT-LIVED CLIMATE POLLUTANTS

# San Francisco



New Partner Presentation  
Calla Rose Ostrander

# Three Stream Collection Program for Residents and Businesses

Mandatory collection in all sectors, commercial, residential and city government, of organics, recyclables and trash

One hauler for all sectors, regulated monopoly

600 tons/day source separated organics (SSO)

80% diversion from landfill



# Waste Management Responsibilities

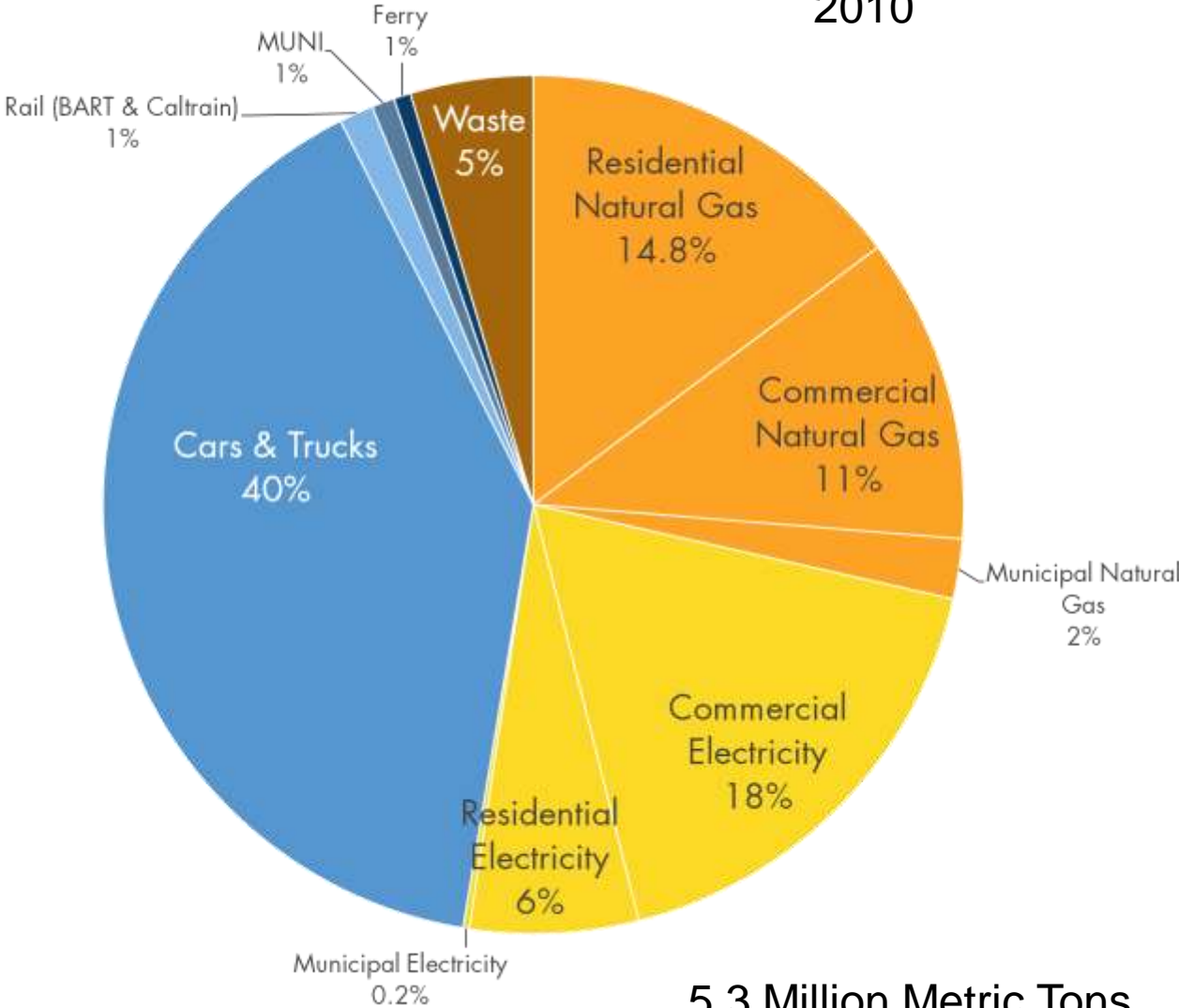
In California waste laws are state set, locally implemented. AB 939 set diversion goals in 1989 w/ teeth

Local policy can also be leveraged. Local political will strong in SF, innovation possible due to long-term relationship between monopoly service provider and city staff

Responsible agencies: CCSF Department of Public Works and Department of Environment.

# San Francisco Greenhouse Gas Emissions By Source

2010

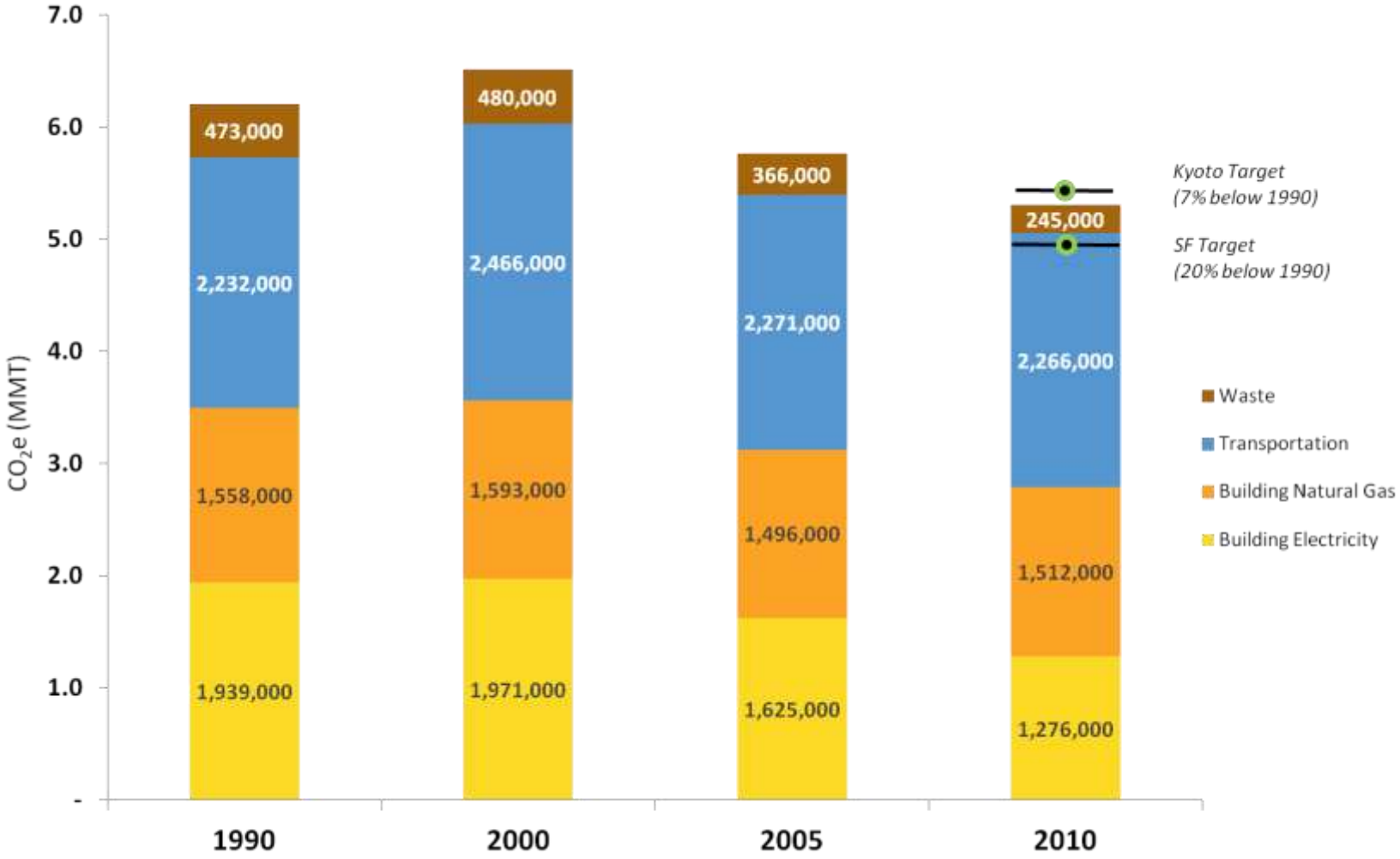


Source	CO <sub>2</sub> e (MT)
Cars & Trucks	2,118,863
Commercial Electricity	928,785
Residential Natural Gas	782,960
Commercial Natural Gas	609,521
Residential Electricity	335,195
Waste	244,625
Municipal Natural Gas	119,860
Rail (BART & Caltrain)	68,046
MUNI	45,310
Ferry	34,103
Municipal Electricity	12,489
Forestry	-4,717
<b>Total:</b>	<b>5,299,757</b>
<b>Total with Sink:</b>	<b>5,295,040</b>

Category	%
Building Energy Use	52%
Transportation	43%
Waste	5%

5.3 Million Metric Tons  
(14.5% below 1990)

# San Francisco Emissions Have Declined with Cleaner Electricity & Waste Diversion



# Challenges?

## Organics



25% material landfilled is food scrapes



Composition of San Francisco Material Landfilled (by weight)

# COMPOST



Door to door outreach



Signage

Your building now has a green cart for food scraps & soiled paper.



Your green bin is here.

School education



# Lessons & Recommendations

- **Focus on organics**: most valuable material for the soil and the climate.
- Don't be afraid to **ban products**, and **mandate recycling/compost participation**.
- **Give incentives** for recycling and composting.
- Require residents and business to **pay for garbage**.
- **Educate** your citizens, provide easy programs.







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