

# SFO RECYCLING

- Drivers
- Policy and Goals
- Approach
- Tools
- Results
- Challenges
- and Opportunities/ VISION

# DRIVERS

- State Law – 50% Target, Penalty up to \$10,000 per day
- City Ordinances – 75% by 2010 Zero waste (> 90%) by 2020; Mandatory source separation of recyclables and compostable
- Public demand
- Limited landfill capacity ; City will max out by 2013.

# SFO POLICY AND GOALS

- Meet City's goals of 75% by 2010 and zero waste by 2020
- Incentives in place
- Penalty under consideration
- Zero Waste Plan adopted.

# APPROACH

- Waste Audit (\$15K):
  - Visual --Compactor by compactor



# APPROACH

- Waste Audit (\$15K):
  - Visual --Compactor by compactor

SUMMARY TABLE			
Compactor	Recyclable (%)	Compostable (%)	Non-Recoverable (%)
A-2	35	64	1
C-1	64	35	1
C-2F	27	71	2
E-1	32	54	14
F-1	24	72	4
G-1	60	38	2
G-2	47	49	4
G-3	51	45	4
H-3	23	73	4
H-4	50	44	6
H-5	25	70	5
IT-1	20	78	2
IT-2	45	52	3
IT-3	61	32	7
IT-4	17	62	21
AirT	38	56	6
Gate 76	29	70	1
FEL	44	55	1

If the compostable materials are all loaded into one set of compactors and all other materials are loaded into another set of compactors, the overall recovery rate could exceed **90%** (after non-compostable serveware is eliminated).

# APPROACH

- Waste Audit (\$15K):
  - Visual --Compactor by compactor
- **Mandates, Incentives, Inspection, Training, Outreach, and Assistance**
  - **Mandate**
    - source separation
    - Green purchasing (no Styrofoam, compostable food wares )
  - **Reduction in garbage fees**
  - **Student interns and light duty staff man the compactors**
  - **Posters, signage**
  - **Meeting with tenants and brain storm**
  - **Solve tenants' difficulties ( Provide paper dumpsters next to the gate for cleaning crew)**

# TOOLS

- Wide networks of recycling bins, dumpsters and compactors
- Contracts for hauler, sorter, and composting
- Contracts with tenants for compliance with the goals and the mandates



RESTRICTED AREA  
AUTHORIZED  
PERSONNEL ONLY  
UNDER SURVEILLANCE

RESTRICTED AREA  
AUTHORIZED  
PERSONNEL ONLY

NO PARKING  
EXCEPT  
FOR SERVICE

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⚠ WARNING



Food Waste  
ONLY

⚠ CAUTION



⚠ CAUTION

NO HAZARDOUS OR SPECIAL  
WASTES ACCEPTED, NO TIRES,  
DRUMS, APPLIANCES,  
BATTERIES OR CHEMICALS

SOUTH SAN FRANCISCO  
**SCAVENGER**  
COMPANY, INC.  
650.589.4020



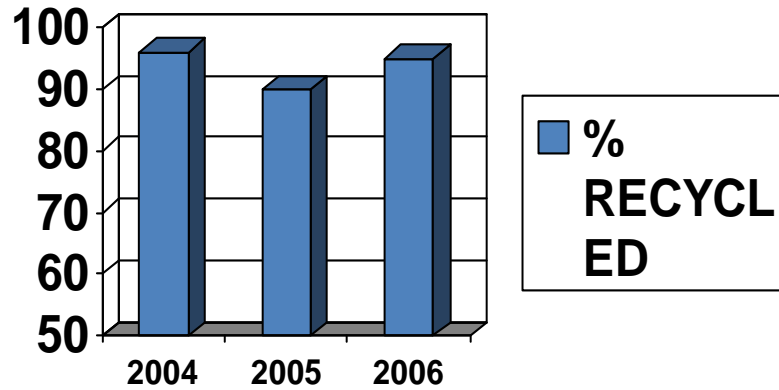
PAPER

CONTENTS

BOTTLES  
&  
CANS



# RECYCLING AT SFO





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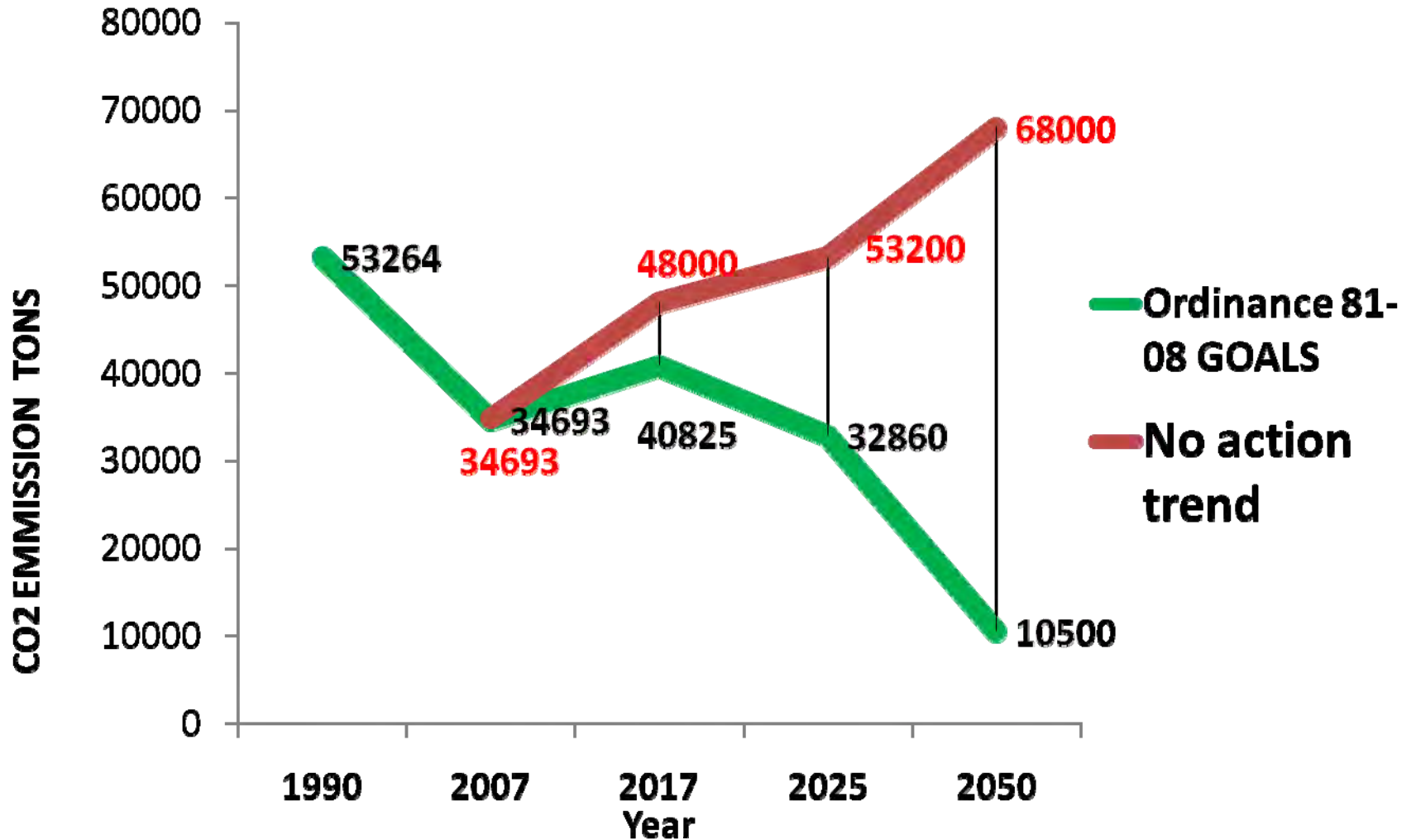
# RESULTS --2008

Period	Solid Waste Generation, Tons			Offsite Recycling Rate, Tons	Onsite Source Separation Rate, Tons	Combined Recycling Rate, Tons
	Mixed	Source Separated	Total Combined			
First Quarter 2008	2,164	559	2,723	1049	559	1,608
				38.52%	20.53%	59.05%
Second Quarter 2008	2,096	503	2,599	1020	503	1,523
				39.24%	19.35%	58.60%
Third Quarter 2007	2,143	531	2,674	1,073	531	1,604
				40.13%	19.85%	59.98%
Fourth Quarter 2008	1,934	508	2,442	1,203	508	1,711
				49.26%	20.80%	<b>70.07%</b>
Total 2008	8,337	2,101	10,438	4,345	2,101	6,446
				41.63%	20.13%	61.76%

# RESULTS

- WARM MODEL YIELDS GHG REDUCTION OF 4222 TONS
- SFO CLIMATE ACTION PLAN – WILL PRESENT IN DETAILS IN FALL AT THE ACI-NA CONFERENCE IN AUSTIN
  - <http://www.flysfo.com/web/page/about/green/index.html>

# GOALS AND TREND



# CHALLENGES

- Not a pretty picture – good and bad





# OPPORTUNITIES --VISION

- On an acre or two of on site land: COMPOST, FARM and FEED