

# The City of San Jose Fire Department and EP3



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# San Jose Fire Department

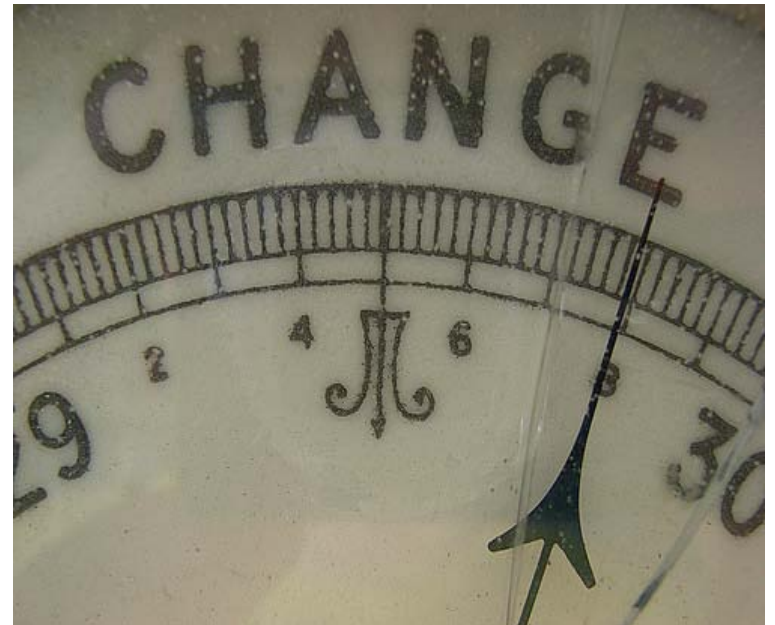
- 33 Stations divided into 5 battalions
- 770 staff department-wide
- Own Warehouse
- Do own cleaning/upkeep
- Chain of Command Structure
- Fire Station Facilities Manual

# Baseline Situation

- Very little done to “green up” fire services or facilities other than limited LEED certification
- Little bandwidth from Fire Department staff
- Paper-based info systems
- One LEED certified Fire Station to date
  - Two more anticipate certification in 2012

# What Changed?

- New staff in Support Services
- More robust support from above
- Greater awareness among staff and openness to change



# What We Did

- Began with green cleaning
- Could buy products from Warehouse
- Would also pick up products on grocery runs
- Now only use GS 37 products
- Buy in concentrate with dispenser system



# Biodiesel

- Began using biodiesel in the early 2000s
- Its use has created the following emissions reductions:
  - particulate matter by 12%,
  - hydrocarbons by 20%,
  - carbon monoxide by 12%,
  - sulfur dioxide by 20%, and
  - carbon dioxide by 15%



# Energy Retrofits

- Paid for by CDBGs
- 3.3kW of photovoltaic panels installed on 2 stations
- Lighting retrofits on 12 stations
- Appliances are replaced with energy star products



# Shop Towels

- Old Towels
  - Potential exposure to heavy metals in washed towels
- New Towels
- Going to paper towels





# Reusable Shopping Bags

- Issued to each Fire Station
- San Jose's plastic bag ban goes into effect in January
- Firefighters are ambassadors for using reusable bags as they shop



# Still to Come

- More fully implement IPM
- Meatless Mondays (?)
- Greater digital management of documents and information
- Trees
- Other?