



CITY AND COUNTY OF SAN FRANCISCO
COMMISSION ON THE ENVIRONMENT DIRECTOR'S REPORT
 Tuesday, November 27, 2012

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1. ADMINISTRATION/GENERAL

PERSONNEL

- Sraddha Mehta, Environmental Justice Program Coordinator, has returned from maternity leave.

2. LEGISLATION/POLICY

Mayor

- Resolution authorizing the Department of the Environment to retroactively accept and expend a grant in the amount of \$250,000 from the Sidney E. Frank Foundation to plan and implement specific projects to source 100% of San Francisco's electrical demand from renewable energy sources from July 15, 2012, through June 15, 2013. RECEIVED AND ASSIGNED to Budget and Finance Committee.
- Resolution authorizing to Accept and Expend \$2.9 million from PG&E ratepayer funds for additional Energy Watch incentives to meet unexpected demand.
- Resolution authorizing to Accept and Expend \$156,000 from PG&E ratepayer funds to assist in marketing home energy retrofits.

3. COMMUNITY EVENTS/OUTREACH ACTIVITIES

PRESS EVENTS

- Participated in press conference announcing launch of Scoot, a commercial electric-scooter sharing system, with Mayor Lee at Civic Center Plaza (Director).
- **A press event with the Assessor's office on Green Real Estate Labeling will be held on Thursday 11/29 at noon at the W Hotel, 181 3rd Street.**

CAMPAIGNS

- Zero Waste: Second phase of Checkout Bag Outreach commenced in conjunction with ordinance going into effect October 1st. This portion of the campaign focused on residential/consumer education. SFE hosted over 60 reusable bag giveaways throughout the city, handing out over 17,000 locally made canvas bags. The social media component of this campaign included a "twitter chat" with Save the Bay and Cole Hardware. The checkout bag ordinance webpage has been the most viewed page on our site since Sept 1st. Outreach also included more door to door visits to local businesses and responding to phone inquiries.
 - EPA awarded \$257,000 grant to Clean Water Action in partnership with SFE and 4 other local jurisdictions to work with businesses to reduce use of disposable foodware.

OUTREACH

- School Education: Attended Discovery Day at AT&T Park: Bay Area Science Festival. Reached 500 people.
- School Education: Gave Annual Teacher Workshop to support teachers accepted into the Free Fieldtrip program. Reached 100 teachers.
- School Education: Gave 46 assemblies/presentations, reaching 8,405 students since September.

- Gave *Compost Monitor* Trainings at 8 Schools and Community Centers. Reached 167 people.
- School Education: Gave *Food to Flower* Trainings to 125 SFUSD Environmental Liaisons.
- SF Environment's Twitter handle @SFEnvironment reached 10,000 twitter followers.
- Recyclewhere officially launched on November 13th. www.recyclewhere.org
- Residential enforcement programming launched. This process is in conjunction with our outreach and education campaigns. 100 enforcement letters were sent Nov 2nd to homes not in compliance with the ordinance.
- Our newsletter eclipsed 5,000 subscribers.
- Energy: Held last of eleven home energy upgrade house parties.
- Director Nutter spoke at VERGE @ GreenBuild on 11/13.
- Director Nutter spoke at GreenBuild, as part of the Master Speaker Series on 11/12.
- SF Environment Co-Hosted a Cocktail Reception with C40 and the Mayor's Office on 11/15 as part of Greenbuild (Director).

4. PROGRAM MILESTONES/ACHIEVEMENTS

COMMUNITY OUTREACH

- Zero Waste: Auto-Rollout Multi-family Outreach: Environment Now initiated composting service to 85 multi-family buildings (6-20 units), in 8 neighborhoods. This will result in an annual diversion of 280 tons.
- Zero Waste: Commercial Outreach:
 1. Visited 524 Businesses throughout all SF neighborhoods/districts
 2. Had 372 Conversations with business owners/managers
 3. 278 of the businesses are now compliant, which is a 53% compliance rate
 4. 395 tons/yr of compost material diverted from landfill from this month's activities
- Toxics: Reached 455 seniors with presentations for the safe medicine disposal. Presentations were given to 9 senior centers (2 in Chinatown, 2 in the Mission, 4 in the Downtown area, and 1 in the Richmond), communicated in English, Spanish, and Chinese

CLEAN AIR/CLEAN TRANSPORTATION

- CommuteSmart
 - Governor signed SB 1339, authorizing a Bay Area commuter benefits program modeled after SF Commuter Benefits Ordinance.
 - 2011 SF Commuter Benefits Compliance Report completed and readied for posting on SFE website.
 - Conducted CommuteSmart Open House in EcoCenter; attended by approximately 120 CCSF employees from about 20 departments, and successfully added sign-ups for Great Race and Rideshare.
- Electric transportation
 - Participated in Governor's "Zero Emission Vehicle summit" in Sacramento – roadmap for state planning for EV and fuel cell vehicles.
 - Convened EV working group subcommittee on curbside EV charging issues - MTA, PUC, DPW, MOD, Mayor's Office.
 - Spoke at VERGE SF/Green Biz workshop on Preparing Cities for Electric Vehicles.
- Clean Vehicles and Fuels
 - SF Clean Cities Coalition (coordinated by SFE) received 2 national awards from USDOE for top ranking among all Clean Cities Coalitions: Most Per Capita Displacement of Petroleum; and Greatest Displacement of Petroleum by Using Electricity" – the latter mainly attributable to muni electric buses.
 - Organized meeting & presentation for fleet directors of all city departments to brief them about clean-vehicle purchasing requirements and procedures, and to familiarize them with broader HACTO and climate coordinator functions.
 - Made presentation about SF Biofuels Strategic Options Planning study at Biogas USA West Conference (national audience)

CLIMATE

- Department Climate Action Plans
 - Launched the winter season of meetings and education on new and existing environmental ordinances. First two areas of focus, the Healthy Air and Clean Transportation Ordinance and report back on building benchmarking. (Directly supported above listed Clean Vehicles and Fuels work by organizing and hosting the November Climate Liaison Meeting).
- Community Climate Action Strategy
 - Began formal discussion on project types floated for funding by possible AB32 cap and trade auction revenues.

ENVIRONMENTAL JUSTICE

- SF Healthy Homes: Environmental Justice staff continuing to promote IPM at SF Housing Authority sites, and provided IPM training to 25 property managers and tenants. Working with City's IPM contractor, Pestec, EJ has introduced IPM services at SFHA's sites, including Hunters View, Alice Griffith, Potrero Annex and Sunnydale. EJ staff supporting development of pest proofing by design (PPBD) guidelines and organized PPBD and IPM training for HOPE SF. Also, as part of SF Healthy Homes initiative to address asthma and health disparities, EJ staff completing a community-driven strategic planning process with local service providers and Southeast area residents.
- Environmental Justice staff preparing to launch new brownfields project funded by the U.S. EPA. This work involves identifying and conducting site assessments of potentially contaminated properties in Southeast area, in support of the Blue Greenway project.

ENERGY

- Home energy upgrades: to date 240 home retrofits completed with 30 pending contractor completion. Home Energy Scores on over 160 homes expected completed in early November. Getting homeowner data continues to be a challenge regardless of receiving privacy waivers. The EnergySavvy website owner has agreed to share large database of homeowner data with identification scrubbed. (RS)
- Energy Watch: Resounding uptake in project applications in August-September has created a \$2.9 million shortfall (equal to a full year's incentive budget) . PG&E agreed to provide needed funding with restrictions. Results (thru 10/12): 2,667 projects; \$8.9 mil incentives; goals[revised upward]—**149% kW; 128% kWh; 1,435% therms** (AK)
 - 2013-14 Energy Watch contract for **\$13.1 million is a 60% increase** in annual funding. Concluding 8-month negotiation over new extremely stringent PG&E data security requirements. (AK)
- Renewables: Solar in SF- 3,489 installations totaling 21.0 MW. Energy Task Force presenting final report to Mayor's office 11/28 (DM)
- EcoDistricts: Developing Task Force for Central Corridor. Developing proposal for micro-grid pilot. Staff attended EcoDistrict conference in Portland. (CB)
- CleanPowerSF: reviewing consultant report and developing an energy efficiency program plan. (CB)

GREEN BUILDING

- On October 9, 2012, the GreenFinanceSF team closed financing for its first commercial PACE project.
 - Owner: Prologis (with consent of Port of San Francisco)
 - Contractor: Johnson Controls Inc. (JCI)
 - PACE Bond: \$1,400,000
 - PACE Lender: Clean Fund
 - JCI solution considered whole building, i.e. HVAC project benefits all tenant spaces
 - Scope: retrocommissioning, lighting upgrade, 200kW solar
 - Projected performance: reduced annual purchased energy by 32%

Green Building Statistics for San Francisco as of November 20, 2012

LEED certified square footage, citywide	49.9 million square feet	For perspective, total rentable office square footage in San Francisco is approximately 76 million square feet, and total commercial square footage is approximately 223 million square feet.
Green certified housing units	3,001 units certified via LEED (2,550 units) or GreenPoint Rated (451 units)	In San Francisco, affordable housing developers continue to lead the way: <ul style="list-style-type: none"> • 32% of all green certified units are affordable housing. • 52% of newly constructed green certified units are affordable.
Building Stock Benchmarked	305 municipal buildings 611 private sector existing commercial buildings benchmarked in compliance with the Existing Commercial Buildings Energy ordinance (Environment Code Chapter 20)	<ul style="list-style-type: none"> • 65% of private sector stock has complied to date. • Outreach continues to non-compliant building owners, and non-compliance is publicly available at www.honestbuildings.com/sf-ecb.

- San Francisco hosted the Green Build 2012 international conference and expo, attended by more than 35,000. SFE Green Building staff were featured in 6 presentations at the conference, highlighting the city's leadership in policy, building codes, and projects.
- SFPUC released the 2011 Municipal Benchmarking Report, the first building performance report in compliance with the Existing Commercial Buildings Energy ordinance.

TOXICS REDUCTION/GREEN BUSINESS

- Green Business Program: As of November 20,2012, 189 businesses have been recognized as green businesses and 247 businesses are actively in process. Since January 1, 2012, the Green Business team has performed 137 phone consults and site visits as well as 27 different presentation, community events, workshops, mixers, or volunteer events.
- Medicine Take Back: As of October 2012, San Francisco has collected 7700 pounds of unwanted medicine. SFE is currently planning a study to better understand the kinds of medicine being disposed of.
- Paint Take Back: SFE is working with the City Attorney's office to set up a contract with an organization of paint manufacturers, PaintCare. The goal of the contract is to create a mechanism that will allow the City to seek reimbursement for the expenses incurred in collecting and safely disposing of paint.
- Green Cleaning: On 10/29/12, SFE launched the completed multi-lingual training videos for custodians that speak Spanish and/or Cantonese. The screening event was successful with over 40 attendees, including representatives from EPA-9. SFE is now actively working with local businesses to pilot these training videos with their staff.
- Nail Salon Recognition Program: SFE received the "Collaborative Champion Award" for creative a novel program that protects the health of the nail salon community. SFE is planning a press event in early December to publicly honor the first few salons to meet program standards and become recognized by the City.

- Used Oil: Conducted outreach at automotive classes held by City College, reached 165 students about the importance of proper recycling of used motor oil and filters; Conducted outreach at the Mexican consulate regarding used motor oil and talked with 473 new bay area residents.
- Pest Prevention by design: During GreenBuild, SFE organized an event to offer a “sneak peek” for interested attendees on the completed pest prevention by design guidelines that was co-authored by a resident pest management expert, Chris Geiger.
- SFApproved: SFE has identified a vendor to complete a user interface upgrade of the green purchasing website, SF Approved. The goal of this design project is to make it easy for City staff to easily find green products. The upgrade is expected to be complete in spring 2013.

ZERO WASTE

- San Francisco achieved **80% landfill diversion for 2010**, the highest rate for any large city in North America. (ZW-RH).
- Rolled-out composting and conducted outreach at 193 apartment buildings (2,968 units). (ZW-EN).
- Secured 228 commercial accounts compliant with mandatory composting. Presented on zero waste to 70 employees at Salesforce. Increased Fleet Week diversion from 0 to 71%. (ZW-AD).
- Recovered 10,452 tons at 5 demolition sites, averaging 95% diversion. (ZW-MW).
- Trained 104 staff at SFPD, Real Estate, DPH Chinatown Health Clinic, Laguna Honda Hospital, SF General Hospital and SFE on zero waste. Virtual Warehouse redistributed 990 items valued at \$119,000 and 8 tons. (ZW-JL).

5. GRANTS/FUNDRAISING

- Climate submitted proposal for community climate adaption outreach to the World Wildlife Fund Earth Hour Challenge.
- Bay Area Regional Energy Network was **funded for \$26.5 million**. This is a huge and historic win for local governments in California as more counties begin to take control of energy efficiency programming. It will be managed by the 9 counties and incorporated under ABAG with oversight directly from the CPUC, not PG&E. Currently, developing budgets and implementation plans for Single Family retrofits, Multifamily retrofits, Code Compliance, and Financing. (AK, CB)
- Developing application for CEC PIER funding for integrated renewable, distributed generation planning with Planning, SFPUC and Clean Coalition – deadline extended to 12/12/12 (DM)
- Investigating Prop 39 energy efficiency funding process and potential. (CB)