

South Bay Cities Council of Governments

October 23, 2014

TO: SBCCOG Board of Directors

FROM: Jacki Bacharach, SBCCOG Executive Director
Kim Fuentes, SBCCOG Deputy Executive Director

SUBJECT: Environmental Activities Report

Adherence to Strategic Plan:

Goal A: Environment, Transportation, and Economic Development. Facilitate, implement and/or educate members and others about environmental, transportation, and economic development programs that benefit the South Bay.

I. PROGRAMS - TECHNOLOGY, PLANNING, & RESEARCH

Climate Action Planning

Climate Action Plans

The SBCCOG worked with ICLEI to organize a solar workshop for local governments that was hosted at the SBCCOG offices. At the workshop, expert trainers provided information on communitywide and municipal solar strategies and resources. This workshop was made possible through ICLEI's partnership with the U.S. Department of Energy (DOE) on the Solar Outreach Partnership (SolarOPs). The SolarOPs is designed to help accelerate solar energy adoption on the local level by providing timely and actionable information to local governments.

Strategic Growth Council Grant

SBCCOG staff is finalizing materials to begin work on the Strategic Growth Council Sustainable Communities Planning Grant and Incentives Program. The scope of work will build off of the EECAPs and include additional Climate Action Plan chapters. Work is anticipated to start in early 2015.

Energy Efficiency Climate Action Plan

Atkins and SBCCOG staff finalized the draft greenhouse gas (GHG) inventory report and methodology template and are starting to develop inventory report drafts for each city. September 15, Jacki Bacharach participated in a panel with Atkins and SANBAG representatives at the International City Managers' Association Annual Conference to discuss our work. Atkins and SBCCOG staff presented on the EECAP project to the Rolling Hills Estates Environmental Advisory Committee on September 22, 2014. SBCCOG staff also participated in an Energy Atlas Input Session on September 25, 2014. The Energy Atlas is a web-based interactive platform that is currently under development. The Energy Atlas will provide detailed

information about the Los Angeles County region’s energy consumption, greenhouse gas emissions, and climate action strategies.

Energy Efficiency

Direct Install

SCE reported that the SBCCOG partnership is responsible for 22% of SCE’s energy savings for their entire Municipal Direct Install program. Out of 18 local government partnerships in SCE territory, the SBCCOG partnership came in with the highest amount of energy savings at 1,181,078 kWh.

Status of direct install as of September 30, 2014:

City	Status	# of Buildings	kW Savings	kWh Savings
Carson	Installation completed	5	18.05	75,131
El Segundo	Awaiting signature from city	3	-	-
Gardena	Installation completed	8	36.79	153,970
Hawthorne	Installation completed	5	26.72	113,796
Hermosa Beach	Installation completed	9	27.54	118,192
Inglewood	Work began in August	10	35.44	147,977 est
Lawndale	Installation completed	3	3.24	13,546
Lomita	Buildings Inspected and no opportunities identified	-	-	-
Manhattan Beach	Interested in LEDs – N/A	-	-	-
Palos Verdes Estates	Installation completed	1	10.69	46,111 est
Rancho Palos Verdes	Installation completed	6	12.5	51,689 est
Redondo Beach	Installation completed	12	53.20	213,095 est
Rolling Hills	Installation completed	1	2.88	12,050

Rolling Hills Estates	Installation completed	1	5.22	22,054
Torrance	Installation completed	13	48.12	203,467
Total		77		
Total Upfront Project Cost Savings:				\$723,530
Total Annual Energy Cost Savings:				\$209,747

SCE Water Leak Detection Program

The team is wrapping up the year-long SCE water leak detection pilot project which was designed to help cities better understand the relationship between water loss controls and direct- and embedded energy- savings. Four local governments in the SBCCOG and SCE service territory, including the City of Inglewood, City of Manhattan Beach, City of El Segundo, and City of Lomita were selected as part of this pilot program. The SBCCOG’s team of sub-contractors (Willdan and WSO) worked with each agency to accurately quantify water loss volumes by conducting a thorough water audit which included leak detection. The findings include specific recommendations for regular calibration and testing of meters, a decision-making matrix for meter replacement, a recommendation for scope and frequency of future leak detection, and a pressure management strategy.

Energy Leader Partnership (ELP) Demand Response City Training

A special Demand Response City Training will be hosted in Oct for cities that need to complete the Demand Response requirement for Energy Leader Partnership Program. SBCCOG staff has been working with SCE to finalize the details. As of September 30 staff from the cities of **Carson, Gardena, Lawndale** and **Torrance** are attending.

Enterprise Energy Management Information System (EEMIS)

The EEMIS task under the Strategic Plan Grant ends October 15, 2014. Staff is busily working on completing deliverables and recently presented project achievements at the September 25, 2014, SBCCOG Board of Directors meeting. As noted at the Board meeting, one of the significant benefits of EEMIS is for cities to utilize the system as part of their upcoming fiscal year budget planning process for electricity expenditures. As the old management meme goes, “what gets measured gets managed.”

In looking forward, EEMIS also has the capability for expansion to include fleet fuel, natural gas, and solid waste data for local governments. As local governments gain traction in managing their commodities and waste stream to decrease greenhouse gas emissions, EEMIS is a tool for long-term use to track and monitor emissions and energy consumption.

Water Conservation/West Basin Municipal Water District Programs (West Basin)

Program year September 1, 2014 - August 31, 2015

Water Reliability 2020

Contract goals: 427 WR 2020 support cards to be collected by August 31, 2015.

Status of goals: 116 cards collected as of September 30, 2014

Contract goals: up to 40 WR 2020 presentations to be scheduled.

Status of goals: 1 presentation has been scheduled as of September 30, 2014. (Note: this goal is dependent upon West Basin's availability)

One presentation was given in September to the Silver Spur Garden Club. This presentation was a direct result of the SBESC exhibit at the Rancho Palos Verdes Independence Day Celebration.

Contract goals: Up to 24 tabletop WR2020 business briefings to be scheduled.

Status of goals: 0 scheduled as of September 30, 2014.

A part of the outreach efforts to achieve the business briefing goals, SBCCOG staff has created a comprehensive list of South Bay businesses which will be contacted beginning in October. SBCCOG staff will be targeting the following types of organizations for WR2020 group presentations for the 2014-2015 contract year: Churches that have regularly scheduled groups that accept speakers, real estate brokers, professional trade organizations, homes associations, and ethnic organizations/groups.

Cash for Kitchens

Contract goals: 40 kitchen audits to be completed by Aug 31, 2015.

Status as of September 30, 2014: 2 audits completed.

Contract goals: 50 follow-up visits at 50 previously audited sites.

Status as of September 30, 2014: 0 follow-up visits completed.

Contract goals: 2 training sessions to be completed by August 31, 2015.

Status as of September 30, 2014: 0 training sessions completed.

SBESC staff received new materials from West Basin MWD including posters and water-brooms. The posters are designed to help employees maintain water efficient practices and the water brooms will be taken out to businesses in the community. In addition, the Lomita Chamber of Commerce sent an e-blast to their members providing information about the program.

Rain Barrel

Staff completed 19 registrations for the Rain Barrel program during the month of September.

Car Wash

Contract goal: sign-up 5 car wash companies by August 31, 2015

Status as of September 30, 2014: 0 car wash companies have signed up.

SBCCOG staff is utilizing SBCCOG volunteer relationships to local business to help establish contacts with car washes – one lead already has been established in Lomita.

Sanitation Districts

Program year January - December 2014

Contract goal: schedule **5** Sanitation Districts-related presentations; **3** presentations have been given (August 12th, August 19th, and September 29th); **2** presentations have been scheduled (October 1st, and October 7th). In addition, staff met with Grace Robinson Hyde, Chief Engineer and General Manager to discuss program accomplishments and contract expectations for 2015.

Transportation

Vanpool Program

SBCCOG staff began planning for hosting another information meeting in October to introduce vanpool to companies located geographically close to the SBCCOG/SBESC building. Invitations and follow up information have been sent to over 40 businesses.

II. MARKETING, OUTREACH, & IMPLEMENTATION

Workshops & Trainings

The following chart lists an overview of all workshops held in September 2014:

Event Date	Event Name	No. Attended/ No. of RSVPs	Marketing Info. (how did they hear about the workshop):	Staff Lead
9/3/14	Certified Green Building Professional Training (training for city staff)	36/39	E-mail: All	GFG
9/4/14	Certified Green Building Professional Training	35/39	E-mail: All	GFG
9/13/14	California Friendly Landscape Training - Gardena	52/60	E-mail: 25 Flyer: 9 Friend or Family: 3 Local Publication: 4 Social Media: 1	MS
9/15/14	Certified Green Building Professional Training (training for city staff)	35/39	E-mail: All	GFG
9/16/14	Certified Green Building Professional Training (training for city staff)	35/39	E-mail: All	GFG
9/16/14	2013 Builder Energy Code Training (SCE	7/7	E-mail: All	MS

	Seminar)			
9/29/14	Moving Toward A Zero Waste System: Minimizing Your Impact on the Environment (Sanitation Districts of LA County and Grades of Green)	13/18	E-mail: 7 Local Publication: 1 Social Media: 2 Flyer: 1 Website: 4	GFG

City Training

SBCCOG staff worked with Build It Green to offer a 16 hour Certified Green Building Professional Training in September. The SBCCOG hosted the trainings on September 3rd and 4th, and the City of Torrance hosted the trainings on September 15th and 16th. There were 35 attendees: 31 were city staff representing 5 South Bay cities; 1 was from the County of LA; 3 were SBCCOG staff. The class achieved a 100% passage rate on the exam with at least 80% correct answers and now all are Certified Green Building Professionals.

A thank you message from Danny Santana, Senior Planning Associate, City of Torrance:

I wanted to express our sincere thanks from the Torrance Staff that attended BuildItGreen’s Certified Green Building Professional course. The coordination and venues worked well. Torrance Staff members found the material covered to be applicable to their respective positions, the trainer kept the attendees engaged with stories from the field and most importantly, it had the desired effect of sparking their interest for more. I hope we can continue to work together to further training opportunities for South Bay Municipal Staff members so that they can offer an improved understanding of sustainable practices to both our Citizens and the local construction industry.

The SBCCOG was approached by SCE to host various business-oriented trainings at the SBESC such as building code training and basic HVAC. Previous sessions were in March 2014, April, and September. An additional training is scheduled in October.

Outreach Events

In the month of September, SBCCOG staff:

- Exhibited at **5** community events and **1** business event; Conducted **3** presentations; **1** workshop;
- Scheduled participation in **5** community events and **5** employee events; **1** presentation; **1** workshop in October.
- Calendar year-to-date through September 2014: **51** community events; **10** employee events; **3** business events; **17** presentations/workshops.
- During the month of September, a workshop on “Moving Toward Zero Waste System: Minimizing Your Impact on the Environment” was given as part of the South Bay Adult School. It was a collaborative effort with the Sanitation Districts of LA County and Grades of Green.

There were 13 people in attendance. Staff scheduled another Spanish-language workshop on October 1st at the request of the Lennox School District.

Media

Press Releases Leading to Earned Media

September press releases sent to the SBCCOG's media list covered topics of Cash for Kitchen program, Moving Toward a Zero Waste System Workshop, Holiday Light Sponsorships, and Volunteer Recruitment for Community Outreach. The Patch Publications in Palos Verdes, Redondo Beach, Hermosa Beach, and Manhattan Beach picked up the information for the Volunteer Recruitment. The Manhattan Beach Patch covered the Zero Waste Workshop and the Torrance Chamber weekly newsletter picked up the Holiday Light Exchange Sponsorship and Cash for Kitchen program information.

Earned Media Received in September

“Bit Opportunity for Restaurants and Commercial Kitchens” – Chamber Weekly – September 4, 2014

“Save Energy and HELP Prevent Blackouts” – Palos Verdes Estates Newsletter – Fall 2014
Pier To Pier Run/Walk – September 2014

“South Bay Environmental Services Center Programs” – Golden State Water’s Southwest Customer Service Area Water use Efficiency Program 2014-2014

Social Media

As of September 30, 2014 social media follower base are as follows:

Facebook: 333 likes

Twitter: 270 followers

LinkedIn: 49 followers

Volunteer Program

Volunteers

SBCCOG Staff recruited 2 new volunteers in September. The next volunteer field trip is scheduled for October 8 to the Joint Water Pollution Control Plant (JWPCP).

SBESC staff went to El Camino College, CSU Dominguez Hills, and Harbor Community College to promote volunteer recruitment.

In September, a press release was developed and issued to the local media publicizing our Community Outreach Volunteer Opportunities. Recruitment efforts are focused on outreach volunteers to help with our upcoming events.

Volunteer hours for the month of September 2014 are as follows:

- 158.75 hours

- Grand total as of 9/30/14 = 12,209.43 (Starting April 2008)

Annual Volunteer Recognition

The date for the Volunteer Recognition is November 20 just prior to start of the November Board of Directors Meeting in the Client Theater. All Board members are encouraged to attend. Staff is seeking gifts for the volunteers from our partners. Partners have also been invited to the Volunteer Recognition. An invitation flyer was handed out at the September partners meeting and the Board meeting. Partners were invited to the Volunteer Recognition. Invitation flyer will be handed out at the next partners meeting.

III. SPECIAL PROJECTS/INITIATIVES

Holiday Light Exchange & All Partner Exhibit Event Sponsor Initiative

Status of funds raised as of October 2, 2014: \$2,750

\$500 Level: Athens Services, DDS Plumbing and South Bay Association of REALTORS®.

\$250 Level: Susan Jones 3 Leaf Realty, CREE LED Lighting, AEG Energy Services, GSE and Continental Development Corporation.