

South Bay Cities Council of Governments

June 30, 2016

TO: SBCCOG Board of Directors

FROM: Jacki Bacharach, SBCCOG Executive Director
Kim Fuentes, 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

Strategic Growth Council (SGC) Grant

There are five measure development components of the SGC grant – Land use, transportation, waste, greening, and energy generation/storage.

Land use and transportation (under the direction of Wally Siembab):

- Reviewed the South Bay Sustainable Strategy (SBSS) methodology with Consultants from Fehr and Peers and Marlon Boarnet, another consultant on the project at a SBCCOG team meeting
- Secured demographic data for the neighborhood centers
- Continued work on the SBSS strategy methodology
- Presented at LCWG regarding SBSS and CAPCOA strategies and methodologies
- Started Electric Vehicle Registration Analysis
- Started Neighborhood Center NAIC and Demographic Analysis

Waste and Greening: SBCCOG staff has calculated the emissions reductions of the solid waste and greening measures for each city and completed the final spreadsheets. A packet is being sent out to each city for sign-off which will later be included in their final Climate Action Plan.

Energy Generation and Storage Chapter: The SBCCOG team is currently working on finishing the final draft strategies for city sign-off in July 2016 at the Energy Management Working Group.

Energy Efficiency

Beacon Award

SBCCOG staff is assisting the Institute for Local Governments with gathering Greenhouse Gas Emission data for cities interested in applying for the Beacon Award. The Beacon Award recognizes an agency's efforts to addressing climate change and looks at greenhouse gas reductions, energy savings, natural gas savings, and best practices.

Cool Planet Award

SBCCOG staff has also provided assistance with filling out the Cool Planet Award application for four of our cities that have expressed interest in applying. The Award recognizes Southern California Edison customers that demonstrate leadership in energy and carbon management within their agency. SBCCOG staff has been able to help the City of Hawthorne complete and submit their application. Three other cities have also expressed interest in applying.

Energy Leader Partnership (ELP)

2016 Goal: 1,511,338 kWh

2016 Status: Completed 510,930 kWh (33.8% of goal)

2016 paid out incentives to cities: \$79,225

In the Pipeline...currently over 4 million kWh

PIPELINE TOTALS	<i>Estimated kWh savings</i>	<i>Estimated Therm Savings</i>	<i>Estimated Incentive (\$)</i>	<i>Estimated Savings (\$)</i>
	4,362,133	7,040	\$1,087,742	\$524,474

City	Current Tier Level	Energy Efficiency Measures (EEMs)	Estimated kWh savings	Estimated Incentive (\$)
Carson	Gold	Exterior & Interior Lighting Pool Boiler Water Heater Variable Frequency Drive (VFD)	56,498	\$19,187
		Exterior Lighting	96,907	\$17,907
		Exterior & Interior Lighting	688,002	\$108,758
		LED Lighting	669,602	\$133,920
Gardena	Silver	Exterior & Interior Lighting	113,600	\$19,312
Hermosa Beach	Silver	Exterior & Interior Lighting	367,088	\$44,859
Inglewood	Gold	LED Lighting	852,689	\$450,079
		Elevator Motor-Generator Set	78,950	\$16,974
		Pump VFD	54,812	\$10,281
Manhattan Beach	Platinum	Exterior LED Lighting	62,825	\$16,335
Rancho Palos Verdes	Gold	LED Lighting	38,269	\$6,506
Redondo Beach	Silver	LED Lighting	120,916	\$18,230
Torrance	New! - Gold	LED Lighting	837,954	\$164,370
		Interior LED Lighting	26,718	\$10,482

City	Current Tier Level	Energy Efficiency Measures (EEMs)	Estimated kWh savings	Estimated Incentive (\$)
		VFD Pump Motor	172,003	\$29,240
		Exterior & Interior LED Lighting	125,300	\$21,301

SBCCOG staff has scheduled incentive check presentations for City of Hawthorne and City of Torrance for June. In addition, to help accelerate the City of Gardena’s advancement in the tier levels, SBCCOG staff worked together with city staff to complete and receive SCE approval for their Gold Community and Demand Awareness Marketing Items.

EEMIS

SBCCOG EE team continues to utilize EEMIS for generating energy reports to assist cities with their energy projects.

LA County is in the process of uploading the natural gas account data for cities that have signed the form to give their consent for us to access their data. 14 cities for natural gas. Rolling Hills is only city that has not signed as they have only 1 electric account. This item is complete.

Southern California Gas Company (SCG)

2016 Goal: 10,000 therms

2016 Status: 14,224 therms (142% of goal)

2016 paid out incentives to cities: \$109 (additional \$3,375 upon closeout for 3,375 therm project)

Agency	Energy Efficiency Project	Therm Savings	Incentive	Year	Status
Miraleste Intermediate School (PVUSD)	Pool Cover	5,612	\$5,612	2015	active
City of Lawndale	Boiler Replacement	218	\$109	2015	Closed in 2016
Torrance USD	New Pool, Pool heater maybe pool cover	In planning	TBD	2016	active
City of Hawthorne	Chiller Controls upgrade at memorial center	In planning	TBD	2016	active
Torrance USD	2 condensing boilers	5,648	\$3,400	2016	active
City of Carson	Boiler Replacement	2,700	TBD	2016	active
Inglewood USD	Pool Heater	TBD	TBD	2016	active
Wiseburn USD	New high school with two new meters	TBD	TBD	2016	active
Manhattan Beach USD	Pool Cover	4,500	\$4,500	2016	active
City of Carson	pool cover - Hemingway Aquatic Center	3,375	\$3,375	2016	In Process
Marymount California University	Solar Thermal Heating	TBD	TBD	2016	Planning
City of Carson	Tankless Water Heater Replacement	965	\$456	TBD	TBD
Total Therms Identified		22,800			

As Inglewood USD is about to embark upon major construction improvements for the school district, SBCCOG staff and The Gas Company met with Inglewood Chief Facilities and Operations Officer to explain energy saving programs, rebates and special incentives for school districts under the Program for

Resource Efficiency in Private and Public Schools (PREPPS), a Gas Company program. This is a Gas Company third party program to help eligible private preschool, K–12 schools, colleges and universities, and trade and technical schools or public K-12 school customers, to reduce energy use and energy costs. Program activities and services will include customer screening, comprehensive energy audit reports, rebates, bonuses and installation support services. (They offer 20% above the regular Gas Company incentives for agreeing to do the energy efficiency projects in a timely fashion). They work hand in hand with the Gas Company account representatives. SBCCOG staff thanks Inglewood Councilmember Ralph Franklin for facilitating the meeting with IUSD.

HERO

The spreadsheet below covers the activity from each jurisdictions' launch date through May 31, 2016

Program Activity through May 31, 2016

Member	Launch Date	Eligible Housing Units *	Total Applications Received	Applications Approved	Approved Amount	Funded Projects	Funded Amount	Jobs Created***	Type of Products			Solar kW Installed	Annual kWh Saved	Annual CO ₂ Reduced (Tons)
									Energy	Water	Renewable			
Carson	5/23/14	21,374	1,103	714	\$45,515,202	391	\$10,003,954	85	657	35	106	243	939,751	592
El Segundo	5/23/14	4,209	34	27	\$4,455,097	14	\$425,553	4	14	4	6	12	38,783	21
Gardena	5/23/14	12,360	390	266	\$16,493,942	133	\$3,070,421	26	197	8	16	32	207,829	136
Hawthorne	5/23/14	11,621	317	228	\$16,542,865	114	\$2,636,888	22	173	4	18	34	207,588	139
Hermosa Beach	5/23/14	6,473	36	28	\$6,017,914	12	\$274,823	2	13	2	6	15	35,518	16
Inglewood	5/23/14	19,038	789	533	\$32,878,357	289	\$7,398,142	63	474	27	32	72	470,619	316
Lawndale	5/23/14	5,262	78	54	\$3,483,740	24	\$383,957	3	33	0	4	11	42,052	25
Lomita	5/23/14	4,606	68	57	\$5,361,926	29	\$656,293	6	44	3	10	32	77,987	54
Manhattan Beach	5/25/15	12,403	51	46	\$10,290,556	19	\$443,801	4	28	0	6	20	58,282	53
Palos Verdes Estates	5/28/15	5,115	20	19	\$4,027,846	6	\$288,303	2	9	3	2	7	18,041	14
Rancho Palos Verdes	5/23/14	14,759	141	123	\$19,655,140	50	\$1,222,130	10	72	5	10	28	111,412	94
Redondo Beach	3/24/15	20,292	118	95	\$12,483,460	45	\$868,133	7	62	2	12	28	98,940	60
Rolling Hills	5/23/14	698	4	4	\$1,131,678	2	\$119,637	1	2	0	0	0	995	0
Rolling Hills Estates	5/23/14	3,090	31	29	\$5,252,704	16	\$516,239	4	22	1	6	20	49,586	37
Torrance	5/23/14	37,899	452	373	\$38,093,659	209	\$4,717,424	40	289	14	62	156	487,273	300
Total		179,199	3632	2596	\$221,684,087	1353	\$33,025,699	280	2089	108	296	711	2,844,655	1858

* Eligible housing units based off Total Single Family Homes minus 5 units or more from the Department of Finance City/County Population and Housing Estimates, 1/1/2013.

*** 1 job for every \$117,000 invested.

Payments by HERO to SBCCOG since inception of the program in the South Bay total \$13,578.88.

Energy Upgrade California Community Outreach Ambassador

Contract goals: 8 outreach events and 6 presentations to be completed by Nov. 30, 2016

Status of goals: 3 outreach events have been completed (3 events are scheduled for June); 7 presentations have been completed (Goal Met)

Green Building Challenge

Contract goals: 170 - 270 participants by August 2016

Status of Goal: 144 participants enrolled in the South Bay Cities Green Building Challenge

There are 144 participants enrolled in the South Bay Cities Green Building Challenge and the current program focus is continued outreach to new participants and program management to engage existing participants. In May, 10 new businesses enrolled in the Challenge and over 15 business outreach meetings were held. The SBCCOG visited two Green Building Challenge participants to gather info on SCG and SCE rebate eligible equipment and three participated in Direct Install/Edison energy efficiency programs.

Thank you to Councilmembers James Osborne, James Goodhart, and Ralph Franklin for their assistance in obtaining new participants by participating in outreach walks in their business community and also

contacting businesses to inform them of the program as well as providing SBCCOG staff with leads. Their assistance has been instrumental in increasing enrollment.

SBCCOG submitted the GBC for a SEED Award, which is administered by the South Bay Business Environmental Coalition (SBSEC) and will be awarded in September 2016. A GBC program poster will be presented at the Statewide Energy Efficiency Collaborative (SEEC) on June 15, 2016.

The GBC program newsletter was sent twice in May. Current standings by city: Torrance (31), Redondo Beach (15), Gardena (15), Lawndale (14), El Segundo (14), Hawthorne (8), Inglewood (8), Rancho Palos Verdes (6), Manhattan Beach (6), Palos Verdes Estates (6), Carson (6), Hermosa Beach (5), Lomita (3), Rolling Hills Estates (4), Lennox (2), and Los Angeles County – Community of Westmont (1).

Water Conservation

West Basin Municipal Water District Programs (West Basin) Contract year is Sept. 1 through Aug. 31

Water Reliability (WR)

Contract goal: 427 WR support cards to be collected by August 31, 2016.

Status of goals: 416 cards collected as of May 25, 2016.

Total number of support cards collected during Cash for Kitchens appointments: 24

Contract goal: Up to 30 WR presentations to be scheduled.

Status of goals: 27 have been scheduled as of May 25. (Note: this goal is dependent upon West Basin's availability.)

Contract goal: Up to 20 tabletop WR business briefings to be scheduled.

Status of goals: 11 as of May 25.

Letters of support received in the month of May 25 (3).

Cash for Kitchens

Contract goals: 40 kitchen audits to be completed by Aug 31, 2016.

Status as of May 31, 2016: 33 audits completed.

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

Status as of May 31, 2016: 46 follow-up visits completed.

Activities for May included contacts with the following businesses: Strand House (Manhattan Beach), Bad Sushi (El Segundo), Sausal Restaurant (El Segundo), Just A Pizza (El Segundo), Lucky's Donuts (El Segundo), Chile Verde (El Segundo), Hawaiian BBQ (El Segundo), Nuevo Comienzo Church (Carson), Buffalo Wild Wings (Carson) and CSU Dominguez Hills (Carson)

Contract goals: 2 training sessions to be completed by August 31, 2016.

Status as of May 31, 2016: 1 training sessions completed May 5.

Car Wash

Contract goal: strive to enroll up to 2 new car wash companies by August 31, 2016.

Status of goal: 2 new car wash companies.

Squeegy Mobile Car Wash (Lawndale) and Century Car Wash (Inglewood). SBCCOG staff visited the following Car Wash businesses in May to promote the program: Shine and Brite Car Wash (Inglewood) and Century Car Wash (Inglewood).

Home Depot Plant Sales

5 events have been scheduled; 4 events have been completed (2 in April; e-blasts only for Marina Del Rey event on 5/14/16; Carson – 5/21/16). One additional event is scheduled: 6/4/16 - Hawthorne

California Friendly Landscape Training (CFLT)

Contract goal: minimum of 6; maximum of 12

Status of goal: 5 completed; 3 scheduled for June (6/11 in Hermosa Beach; 6/22 in Gardena; 6/25 in Hermosa Beach – Hands-on-workshop).

The goal is to schedule a Spanish-language class during current contract period and the Metropolitan Water District has developed a Spanish-language CFLT curriculum. Per West Basin, 5 greywater classes will be offered in Summer and will count toward the CFLT contract goal, with the first one tentatively scheduled for June 29th in Manhattan Beach.

Smart Controller Exchange Events

Contract goal: 3

Status of goal: 2 have been completed; 2 additional have been scheduled (6/11/16 and 7/13/16)

Lunch & Learn Workshops

Contract goal: 2 workshops

Status of goal: 2 Smart Controller Exchange Events will take the place of the Lunch & Learn Workshops

Goals Met

- Water Harvest - October 2015
- Rain Barrel - 5 rain barrel events
- Car Wash - “Re-enrolled” current 8 car wash companies that are participating in the program.

Sanitation Districts

Contract goal: Schedule 5 Sanitation Districts-related presentations to be completed by December 31, 2016.

Status of goal: 1 has been completed; 2 has been scheduled.

Torrance Water

California Friendly Landscape Training – 5/21/16 (42 attendees); SBCCOG staff has been assisting City of Torrance to solicit and confirm exhibitors for the June 4th City Yard Open House/Environmental Fair.

Los Angeles Department of Water and Power (LADWP) Contract year is April 1, 2016-March 31, 2017

SBCCOG staff will be attending two community events in San Pedro in June (6/6/16 and 6/25/16);

Neighborhood Council meetings in June, July, August; and Farmers Markets in San Pedro, Wilmington, Harbor City, Harbor Gateway in July, August, September.

Transportation

Vanpool Program (Contract period Feb. 1, 2013 – Nov. 30, 2018)

Contract goal: 72 outreach events; 18 information/formation meetings

Status of Goal: 27 outreach events; 3 information/formation meeting

In May SBCCOG staff distributed collateral material at 7 SBCCOG outreach events. SBCCOG staff worked with Metro to follow up with conducting a vanpool formation meeting with Harbor UCLA Hospital. SBCCOG staff re-established senior level contacts with the Terranea Resort to re-energize their interest in using vanpools for their employees to mitigate their parking issues. SBCCOG Staff met with V-Ride representatives to explore opportunities to assist and facilitate collaborative vanpool marketing efforts. Exploration continues to coordinate outreach efforts to identify and target Green Building Challenge companies for transportation related “Lunch and Learn” events. Similar targeted strategies were discussed to market vanpool through the South Bay Travel Pal platform.

Metro ExpressLanes (MEL) (Contract period Aug. 1, 2015 – Jul. 31, 2016)

Contract goal: 30 outreach events; 2 presentations (This goal is dependent upon the availability of the mobile van).

Status of goal: 61 community events; 10 presentations; 5 MEL email updates; 5 SBCCOG Newsletters

SBCCOG sent multiple invitations and notices to MEL about future South Bay events that would be of value to the MEL support Team. SBCCOG was notified that MEL will be participating in the City of Torrance June Open House. SBCCOG continues to inform and recommend marketing and outreach opportunities to the MEL's marketing team.

Work has also started with Metro staff on contract continuation for 2017.

Electric Vehicle Charging Station Siting and Installation - CEC grant (Contract period Feb. 25, 2015 – Jan. 30, 2017) (under the direction of Wally Siembab and his team)

This program focuses on identifying and eliminating the barriers to electric vehicle charging stations (EVCS) at multi residential dwellings (MUD).

Review and comments on the Luskin Draft assessment of EVCS MUD installation occurred during this reporting period. Additionally, with the change in research personnel at the Luskin Center, the SBCCOG worked with the Luskin research team to coordinate and facilitate the hand-off and “next steps” to facilitate Task 3 research and deliverables. SBCCOG continued efforts to coordinate Task 3 outreach to MUD owners through the South Bay Chapter of the California Apartment Association and began preparations for conducting the Cities’ EVCS Municipal Readiness survey.

Smart Mobility Tool (Contract period Aug. 1, 2016 – Aug. 31, 2017)

The Travel Pal officially launched on May 16th. The primary communication for the launch was done through the SBESC e-newsletter (14,000+) subscribers; letters to South Bay elected officials and city managers. As of May 25th, 101 individuals have registered to use Travel Pal and over 500 individuals have “clicked” on to the sites landing page. Efforts to market the service will continue in June through SBESC weekend outreach events; outreach to large South Bay Employers like the LA Air Force Base; and, targeted outreach to large South Bay venues. The SBCCOG outreach efforts will include contacting all City Managers for letters of support in June. As the project evolves the site, services and marketing materials will continue to be developed and refined.

II. MARKETING, OUTREACH, & IMPLEMENTATION

Workshops, Trainings & Exchanges

The following chart lists an overview of all workshops held in May 2016:

Event Date	Event Name	No. Attended/ No. of RSVPs	Marketing Info. (how did they hear about the workshop):	Staff Lead
5/7/16	WBIC Exchange (27 controllers exchanged total)	27/49	Email: 18 Flyer: 5 Friend or Family: 10 Local Publication: 2 Social Media: 7 Website: 5 Other: 2	ML
5/21/16	California Friendly Landscape Training - Torrance	42/71	Email: 40 Friend or Family: 1 Other: 21 Social Media: 7 Website: 2	JZL

The next SBCCOG-hosted Basic HVAC SCE seminar has been scheduled for August 26, 2016.

Outreach Events

- **2** community events
 - Scheduled to attend **13** community events in June
 - Scheduled to attend **1** employee event in June
- **1** presentation/workshop (SBCCOG overview)
- **7** overviews of SBCCOG/Water Reliability business briefings or group presentations
- Calendar year-to-date through May 2016:
 - **19** - Community events
 - **2** - Business events
 - **5** - Employee events
 - **18** - Business card / business briefing events
 - **12** - presentations / workshops

Kiosk - Peninsula

Partner program and Volunteer program information were highlighted throughout the month including Energy Efficiency information, Weather Based Irrigation Controller Exchanges, California Friendly Landscape training workshops, West Basin Water Education & Water Recycling Tours, and the SBCCOG Spring Baywatch publication.

Media

Earned Social Media

“Overview of SBCCOG programs, WR, & Desal Presentation,” Lomita-Harbor City Kiwanis Website, May 10, 2016

“SBCCOG Green Building Challenge,” Union Bank Website, May 9, 2016

“Torrance California Friendly Landscape Training,” Nextdoor, May 16, 2016

“West Basin Hermosa Beach California Friendly Landscape Training,” Nextdoor, May 24, 2016

“West Basin Water Irrigation Controller Exchange,” Nextdoor, May 24, 2016

“SBCCOG Travel Pal program,” Nextdoor, May 24, 2016

“Torrance California Friendly Landscape Training,” Nextdoor, May 25, 2016

Additional publicity was earned through local neighborhood social media networks such as Nextdoor. For example, the Rancho Palos Verdes area, 3,773 households are reached. All of SBCCOG outreach is distributed by this source.

Social Media

As of May 25, 2016 social media following is as follows:

Twitter: 426 followers, 2,497 impressions*

Facebook: 514 likes, 1,474 impressions

LinkedIn: 97 followers, 424 impressions

**Impressions: the number of times a post has been viewed*

Top Tweet earned 303 impressions

Los Angeles County stepped up its water conservation game in March after dismal February dailybreeze.com/environment-an... via [@DailyBreezeNews](https://twitter.com/DailyBreezeNews)

↪ 1 ♥ 2

“@” refers to SBESC Partners’ Twitter accounts (handles).

Social Media Working Group

The group met on Thursday, May 12 and reviewed Facebook’s platform for Pages, particularly its diminishing organic visibility to followers and its transition towards a “pay-to-play” model. The City of Gardena presented its Gardena Direct app, which allows residents (via their mobile devices) to report on and follow the status of incidents, public works projects, etc. occurring in their neighborhoods and elsewhere throughout the City. Cutting costs, increasing transparency and consolidating communication efforts were among the app’s highlights, proving useful for both the City and residents alike. The group will meet next on July 14, and is interested in hearing a speaker from SoCalGas address crisis/disaster management using social media.

Volunteer Program

Volunteers

Volunteer hours for the month of May 2016 are as follows:

- 135.5 hours
- Grand total as of 5/31/16 = 15,687.18 (Starting April 2008)

The next volunteer field trip is scheduled for June 2nd to the South Coast Air Quality Management District (AQMD).

Volunteer Training is scheduled for Thursday, June 9, 2016 to help prepare current and new volunteers for outreach events. Agenda will include training on *Travel Pal* and *How to Enhance Skills to Greet the Public*.