

South Bay Cities Council of Governments

February 13, 2017

TO: SBCCOG Steering Committee

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

SUBJECT: Environmental Activities Report – January 2017

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): The CAP team has been preparing material for the city meetings and coordinating with Studio 111 who will manage 10 city meetings. The SBCCOG and Studio 111 met with Hermosa Beach and Carson. The Strategy Guide and Sub-strategy matrix are being revised based on feedback from these two meetings and comments from Studio 111's and Fehr and Peers, CAP consultants. These materials will serve as the package for the city meetings. Both the final quarterly report for 2016 and the annual report for 2016 have been drafted to submit to the SGC.

Energy Generation and Storage: The SBCCOG staff has presented the Energy Generation and Storage strategies and calculations to the cities and continues to work with city staff to finalize approval. The following cities have staff sign-off: El Segundo, Gardena, Hawthorne, Hermosa Beach, Lomita, Manhattan Beach, Redondo Beach, Rolling Hills, Rolling Hills Estates, and Torrance.

Waste and Greening: The SBCCOG staff has completed calculations for the emissions reductions of the solid waste and greening measures for each city. The spreadsheets with the calculations have been sent out to each city for staff sign-off which will later be included in their final Climate Action Plan. The SBCCOG staff has met with a few cities to further discuss any edits that need to be made to the strategies. The following cities have staff sign-off to date: Carson, El Segundo, Gardena, Hawthorne, Lawndale, Lomita, Manhattan Beach, Rancho Palos Verdes, Redondo Beach, Rolling Hills, Rolling Hills Estates, and Torrance.

Energy Efficiency

Energy Leader Partnership (ELP) – Southern California Edison (SCE)

2017 Goal: 1,245,813 kWh

PIPELINE TOTALS	Estimated kWh savings	Estimated Therm Savings	Estimated Incentive (\$)
	5,009,947	18,075	\$1,279,089

To help the SBCCOG continue to identify projects that qualify for incentives, we continue to ask that elected officials ask staff to let the SBCCOG know about current and future projects in your city.

SBCCOG staff will be meeting with city staff to help facilitate project completion. Meetings are expected to start in February. In addition, at the bi-monthly Energy Managers Working Group meetings, attendees receive information on project status and share information on related topics from their city. These meetings include utility partners as well as the SBCCOG Energy Engineer Greg Stevens.

City	Current Tier Level	Energy Efficiency Measures (EEMs)	Estimated kWh savings	Estimated Therm Savings	Estimated Incentive (\$)
Carson	Gold	Exterior Lighting	96,907	n/a	\$17,907
		Lighting/Pool Boiler/Water Heater/VFD	28,578	7,040	\$13,185
		Pool Pump VFD	51,758	n/a	\$11,646
		Exterior & Interior Lighting	688,002	n/a	\$108,758
		LED Lighting	669,602	n/a	\$156,320
Gardena	Gold	Exterior & Interior Lighting	78,125	n/a	\$13,281
		Exterior & Interior Lighting	284,534	n/a	\$24,626
		LED Lighting	52,429	n/a	\$8,913
Hawthorne	Platinum	Police Department LED Lighting	50,320	n/a	\$11,284
Hermosa Beach	Gold	Exterior & Interior Lighting	316,925	n/a	\$44,798
		Pier Exterior Lighting	22,677	n/a	\$3,175
Inglewood	Gold	LED Lighting	852,689	n/a	\$450,079
		Elevator Motor-Generator Set	121,900	n/a	\$26,208
		Chiller VFD/HVAC Controls	291,870	11,035	\$115,022
Manhattan Beach	Platinum	Exterior LED Lighting	62,825	n/a	\$16,335
Rancho Palos Verdes	Gold	LED Lighting	38,269	n/a	\$6,506
Redondo Beach	Gold	LED Lighting	123,820	n/a	\$21,049
Torrance	Gold	Toyota Meeting Hall	16,741	n/a	\$2,679
		LED Lighting	837,954	n/a	\$164,370
		Exterior & Interior LED Lighting	125,300	n/a	\$21,301

City	Current Tier Level	Energy Efficiency Measures (EEMs)	Estimated kWh savings	Estimated Therm Savings	Estimated Incentive (\$)
		Interior LED Lighting	26,718	n/a	\$10,482
		VFD Pump Motor	172,003	n/a	\$29,240

Energy Efficiency Partnership – Southern California Gas Company (SCG)

2017 Goal: 10,000 therms

Agency	Energy Efficiency Project	Therm Savings	Incentive	Year	Status
Palos Verdes USD	Pool Cover	TBD	TBD	TBD	active
City of Inglewood	Replace 4x boilers	TBD	TBD	TBD	active
City of Carson	Replace 3x boilers	TBD	TBD	TBD	active
Torrance USD	New Pool, Pool heater maybe pool cover	In planning	TBD	TBD	active
City of Hawthorne	Chiller Controls upgrade at memorial center	In planning	TBD	TBD	active
Inglewood USD	Pool Heater	3,480	\$4,176	2016	active
Inglewood USD	Boiler Replacement	TBD	TBD	TBD	active
Wiseburn USD	New high school with two new meters	TBD	TBD	2016	active
Wiseburn USD	Cogen	TBD	TBD	TBD	active
Manhattan Beach USD	Pool Cover	4,500	\$4,500	2016	active
City of Carson	Boiler Replacement	2,025	TBD	2016	active
Marymount California University	Solar Thermal Heating	TBD	TBD	2016	Planning
City of Carson	Tankless Water Heater Replacement	965	\$456	TBD	TBD
Total Therms Identified		10,969			

CA Public Utilities (CPUC) Rolling Portfolio Proceeding

The CPUC has asked the utilities (SCE and SCG) to prepare business plans for the future of energy programs including local government partnerships. In addition, the Local Government Commission (LGC) and Local Government Sustainable Energy Coalition (LGSEC) developed a Statewide Local Government Energy Efficiency Program Administration “business plan” as an alternative to the utilities administering the local government programs. The LGC/LGSEC draft is in its final form. SBCCOG staff is monitoring the business plan development process and making comments when appropriate – mostly for clarification.

HERO

The SBCCOG now has two parts to its partnership with HERO: 1) Renewable South Bay – just starting, the program will focus on solar outreach to the community as well as working with cities to obtain solar permit information; and 2) Energy Efficiency Financing program which has the SBCCOG promoting PACE as a way to finance energy efficiency and renewable projects and provides funding to the SBCCOG as homeowners use HERO’s PACE program for these projects. The spreadsheet below covers the activity from each jurisdiction’s launch date through December 31, 2016. Proceeds from HERO to date are: \$2,290.79 for

Q2 – Oct-Dec 2016. Total since it started - \$21,643.92. Proceeds are usually received quarterly. Next update is expected to be reported in April 2017.



California HERO Activity Report
South Bay Cities Council of Governments
 Launch Date through December 31, 2016

Program Activity through December 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 CO2 Reduced (Tons)
									Energy	Water	Renewable			
Carson	5/23/14	21,374	1,430	949	\$63,425,223	524	\$13,447,086	114	885	55	134	302	3,210,359	788
El Segundo	5/23/14	4,209	43	35	\$5,849,431	20	\$568,078	5	23	5	8	18	121,967	30
Gardena	5/23/14	12,360	513	347	\$22,727,611	181	\$4,383,067	37	285	19	28	55	863,759	210
Hawthorne	5/23/14	11,621	396	287	\$21,742,248	154	\$3,536,329	30	229	7	28	52	714,944	176
Hermosa Beach	5/23/14	6,473	43	33	\$6,947,060	14	\$307,888	3	15	2	6	15	71,882	19
Inglewood	5/23/14	19,038	1,029	700	\$46,042,502	379	\$9,911,117	84	627	42	40	89	1,773,549	431
Lawndale	5/23/14	5,262	104	70	\$4,930,235	35	\$702,483	6	53	0	6	14	164,065	41
Lomita	5/23/14	4,606	83	71	\$6,681,397	36	\$828,739	7	54	6	10	32	282,163	69
Manhattan Beach	5/25/15	12,403	71	63	\$14,340,521	30	\$936,227	8	39	1	18	67	330,549	84
Palos Verdes Estates	5/28/15	5,115	26	24	\$5,270,894	9	\$450,075	4	13	4	2	7	67,315	16
Rancho Palos Verdes	5/23/14	14,759	170	148	\$23,890,640	70	\$1,802,737	15	100	7	16	59	531,896	130
Redondo Beach	3/24/15	20,292	149	123	\$16,349,985	66	\$1,322,445	11	97	3	14	30	379,831	93
Rolling Hills	5/23/14	698	5	5	\$1,381,678	2	\$119,637	1	2	0	0	0	995	0
Rolling Hills Estates	5/23/14	3,090	33	30	\$5,484,516	18	\$580,512	5	24	2	6	20	152,922	38
Torrance	5/23/14	37,899	585	489	\$51,881,006	276	\$6,273,285	53	377	29	86	205	1,595,824	398
Total		179,199	4,680	3,374	\$ 296,944,947	1,814	\$ 45,169,705	384	2,823	182	402	966	10,262,020	2,522

*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.

Energy Upgrade California Community Outreach Ambassador

Energy Upgrade California is expected to be re-launched in April 2017.

Green Building Challenge

With a focus on facilitating activities and maximizing the use of incentives and rebates, work is underway as part of the new contract for the continuation of the Green Building Challenge. Staff has resumed scheduling free Level 1 audits for participants and is seeking to re-engage our elected officials by scheduling outreach walks with them throughout the South Bay cities. This strategy was successful for recruitment during the first phase of the program which we will aim to build upon. Green Building Challenge participants will receive special recognition at the General Assembly. The newsletter was sent once in January and will continue to be sent monthly.

Standings by city: Torrance (34), Lawndale (25), Redondo Beach (16), Gardena (15), El Segundo (15), Carson (11), Hawthorne (14), Inglewood (8), Manhattan Beach (7), Rancho Palos Verdes (6), Palos Verdes Estates (7), Hermosa Beach (5), Rolling Hills Estates (4), Lomita (3), 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, 2016 through Aug. 31, 2017

West Basin - Water Reliability (WR)

Contract goals: Up to 25 Water Reliability related presentations to various organizations, groups, and SBCCOG meetings to be scheduled.

Status of goals: 0 have been scheduled as of January 31, 2017.

Goals may be revised as West Basin is reworking the Water Reliability Program.

Contract goals: Up to 20 table-top briefings, targeting business executives and other influential business leaders.

Status of goals: 0 have been scheduled as of January 31, 2017.

Goals may be revised as WB is reworking the Water Reliability Program message.

Contract goals: Up to 25 support letters and/or support cards; as well as 300 support cards at outreach events
Status of goals: 2 letters of support received and 20 support cards collected as of January 31, 2017

West Basin - Smart Controller Exchange Events

Contract goals: Up to 3
Status of goals: 5 completed; **Goal exceeded**

West Basin - Rain Barrel

Contract goals: 5
Status of goals: 6 completed; **Goal exceeded**

West Basin - Cash for Kitchens

Contract goals: 45 kitchen audits
Status of goals: 3
Contract goals: 10 follow up visits
Status of goals: 2
Contract goals: 3 training sessions
Status of goals: 0

West Basin - Car Wash Program

Contract goal: Re-enroll current 9 car wash companies that are participating in the program.
Status of goal: 5

West Basin - California Friendly Landscape Training (CFLT)

Contract goals: minimum of 6; maximum of 12 to be scheduled
Status of goals: 4 completed; 1 scheduled for February 15, 2017

West Basin - Greywater Workshops

Contract goals: 5 workshops to be scheduled between April and June 2017
Status of goals: 0

West Basin - Water Harvest

Contract goals: Assist West Basin with its Annual Water Harvest Event – October 22, 2016
Status of goals: **Goal Met**

Torrance

SBCCOG staff is working with Torrance staff to offer a Greywater class in the Spring. Currently, this class is tentative.

MWD Caucus Meeting

The January meeting included a presentation about the MWD's Potential Regional Recycled Water Program to create a new regional water source. This program is a collaborative program between the MWD and the Los Angeles County Sanitation District (LACSD). The feasibility study was recently completed and the findings showed that the proposed 150 mgd (millions of gallons per day) program is technically feasible. The steps are to finalize the agreement with LACSD and complete the design, construction, start-up, and operations of the demonstration plan.

Sanitation Districts

Contract goals: Schedule 5 Sanitation Districts-related presentations to be completed by December 31, 2017

Status of goals: 1 presentation has been scheduled; researching groups for future presentations

New area of focus for the 2017 Scope of Work will be assistance with outreach related to construction of a new JWPCP effluent tunnel.

Los Angeles Department of Water and Power (LADWP) Contract year is April 1, 2016-February 28, 2017

Contract goals: 6-10 targeted special events exhibit events

Status of goals: 7 completed

Contract goals: 1 training session to be provided on residential LADWP programs and services

Status of goals: Scheduled for February 21, 2017

Contract goals: 1 training for SBCCOG Volunteers on LADWP programs

Status of goals: **Goal Met**

Contract goals: 3-5 commercial kitchens to be identified for water assessments and conservation training

Status of goals: 3 identified; 1 restaurant has been contacted and SBCCOG staff is working on scheduling appointment and coordinating with LADWP and So Cal Gas.

Transportation

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

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

Status of goals: 110 outreach events; 5 information/formation meetings

In January, collateral material was distributed at three SBCCOG outreach events. SBCCOG staff took a preliminary step towards a vanpool formation meeting by providing a cluster analysis of the City Torrance's employee rideshare database. SBCCOG staff re-started outreach efforts with El Camino Community College.

Metro Express Lanes (MEL) (Contract period Aug. 1, 2015 – Jul. 31, 2017)

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

Status of goal: 149 community events and 11 presentations of the MEL Promotional Marketing have been completed. In addition, 13 SBESC e-newsletter articles have been facilitated by SBCCOG staff.

SBCCOG continues to send multiple invitations and notices to Metro staff about future South Bay MEL events that would be of value – including the City of Inglewood's MLK festival in January; planning opportunities were presented for Earth Day events (April, 2017). MEL has agreed to participate in the SBCCOG General Assembly.

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). SBCCOG staff completed a draft Final Report. In preparation for posting the CEC Final Report and Owner's Toolkit, SBCCOG staff began to design and update the SBCCOG's Electric Vehicle web site page(s).

Travel Pal – Smart Mobility Tool (Contract period Aug. 1, 2015 – Aug. 31, 2017)

From the launch of the site on May 16, 2016 through January 30, 2016, the program had 682 individuals registered as Travel Pal members. A total of 892 individuals having had at least 1 session (time spent on the site). Since Travel Pal was launched, there have been a total of 1,508 sessions (time spent on the site) with each session lasting an average of 6 minutes and 32 seconds per user. Travel Pal continues to be used by the Forum to direct patrons to off-site parking and shuttle services and in January, SBCCOG staff met with representatives of the Beach Cities Health District's (BCHD) Moai walking groups to review a pilot-test of Travel Pal for "small groups". The BCHD test is expected to begin in March. In addition, the BCHD Blue Zone group continues to test travel pal to understand their organization's "Transportation Carbon Footprint." SBCCOG staff met with the PCT Commercial Property group in El Segundo to plan a "campus-wide" test of the platform for over 90 companies located within the properties' 3 buildings. The program kick-off is tentatively scheduled for mid-February. SBCCOG staff also met with the Dean of IT at El Camino Community College to explore new avenues for testing the platform within their educational community. The SBCCOG internal test continues with a preliminary analysis of the organization's commute travel data scheduled for early February.

II. MARKETING, OUTREACH, & IMPLEMENTATION

Workshops, Trainings & Exchanges

The following chart lists an overview of all workshops held in January 2017:

Event Date	Event Name	No. Attended/No. of RSVPs	Marketing Info. (how did they hear about the Workshop)	Staff Lead
1/26/17	Making Your Home Healthier and More Comfortable the Energy and Water Efficiency Way	21/39	Email: 32 Flyer: 1 Friend or Family: 2 Social Media: 1 Website: 4	GF
1/27/17	SCE Seminar: CALGreen Title 24 Part II	20/36	N/A	ML

Outreach Events

- 1 community event in January; 2 scheduled for February
- 1 workshop in January; 2 presentations scheduled for February

Calendar year-to-date through January 2017:

- 1 community event
- 1 presentation/workshop

SCE Workshops – The SBCCOG, in collaboration with SCE, will host 2 seminars in Q1 of 2017:

- Completed: CALGreen Title 24 on January 27, 2017
- Scheduled: Basic HVAC on February 10, 2017

Media

Press Releases/Press Interviews/Articles

“Coyote Management a Regional Approach”

“What is Greywater?”

“Join in the Fun, Comradery and Meaningful Work of a South Bay Environmental Services Center Volunteer Recruitment Efforts Begin January 2017”

Earned Print Media

“Coyote Management a Regional Approach,” El Segundo Herald, January 19, 2017

“Coyote Management a Regional Approach,” Hawthorne Press Tribune, January 19, 2017

“Coyote Management a Regional Approach,” Inglewood News, January 19, 2017

“Coyote Management a Regional Approach,” Torrance Tribune, January 19, 2017

“Making Your Home Healthier,” Daily Breeze Out & About, January 26, 2017

Earned Social Media, ”

“Residential Energy & Water Efficiency Workshop in Manhattan Beach on January 26,” Nextdoor, January 17, 2017

“California Friendly Landscape Training Workshop in El Segundo on February 15,” Nextdoor, January 30, 2017

Twitter: 460 followers, 866 impressions*

Facebook: 649 likes, 1,206 impressions

LinkedIn: 103 followers, 309 impressions

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

Top Tweet earned 309 impressions

#Enewsletter is out w/stories via
@WestBasin @SCE @socialgas & more:
ow.ly/FFQC307hode

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Kiosk - Peninsula

Partner and Volunteer program promotion information continue to be highlighted throughout the month: Energy Efficiency, Energy Upgrade California®, Weather Based Irrigation Controller Exchanges, California Friendly Landscape training workshops, West Basin Rain Barrel program, SoCalGas Energy Efficiency Starter Kit, SCE CAL Green Title 24 Part 11 Workshop, West Basin Water Education & Water Recycling Tours, SBCCOG Fall *Baywatch* publication, PATH, Travel Pal, Metro Vanpool, Express Lane, No Drugs Down the Drain, and Save the Date for the SBCCOG’s 2017 General Assembly. The SBCCOG has received the contract for the new year and the opportunity to have the kiosk continues to be provided at no cost.

Volunteer Program

Status of Program: 57.25 hours for January 2017; 16,789.43 (starting April 2008)

SBCCOG staff met with El Camino College and CSU Dominguez Hills staff to promote opportunities for students to volunteer at the SBCCOG. A volunteer orientation and training is scheduled for February 16th. In addition, in January volunteers helped update our South Bay Business Database and made phone calls regarding the SBWIB Broadband Study.