

South Bay Watch

Spring 2016

A quarterly bulletin
to inform local leaders
of subregional progress
and alert them to
emerging issues

Published by the
South Bay Cities Council
of Governments

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SOUTH BAY CITIES MEET TO DISCUSS “GOVERNING IN AN ERA OF DISRUPTIVE TECHNOLOGIES”

The South Bay Cities Council of Governments (SBCCOG) hosted a provocative 17th Annual General Assembly that highlighted recent and powerful technological innovations that have affected everything from local finance to transportation and governance.

Jim Gazeley, SBCCOG Chair and Mayor of the City of Lomita emceed the event which started with a tribute to Los Angeles County Supervisor Don Knabe who will be retiring this year. Harold Payne, a multi-platinum local songwriter, along with Dan Medina, Gardena Councilmember, performed a song that they had written for Knabe based on the Eagle's Desperado. The program followed.

“One only has to look at the value of applications like Uber and Airbnb to understand the size of the juggernaut”, Sam Blakeslee, Director of the Institute for Advanced Technology at Cal Poly, San Luis Obispo and this year’s kickoff speaker proclaimed. Uber is valued at more than Honda and Ford combined and Airbnb eclipses Expedia. Blakeslee focused on the need for government to redefine and reorganize itself. The public sector is insulated from the need to innovate and it does not see itself in the customer service business. Government needs to think like a customer and enter

into more public private partnerships. “Innovation will require governments to work in the area of unknowns. This necessitates a major change in thinking,” Blakeslee ended.

Disruptive technologies have eroded a tax base which has previously revolved around services. “California responded to the great depression by introducing sales and use taxes to combat dwindling revenues from a system that was based mainly on property taxes.” said John Chiang, State Treasurer. “California once again needs to adapt, accept and embrace the fact that America is innovating at a pace we can’t imagine.”

Principal Librarian of the Torrance Public Libraries, Hillary Theyer, cautioned the audience about entering the world of innovation with reckless abandon or with too much fear. Innovation must be handled with policy. For example, libraries need to understand how to deal with inappropriate uses of 3D printers such as patterns for guns.

A panel with members of innovative startups, local policy makers, and transportation authorities shared their perspectives. Stacey Reineccius, CEO of Powertree, spoke about the local revenue benefits of startups. Powertree is a company that utilizes solar power from

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SPECIAL THANKS...

To the City of Carson for hosting our 17th Annual General Assembly and for the generous assistance of their staff and to the staff and volunteers of the South Bay Environmental Services Center (a program of the SBCCOG)

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apartment building rooftops to charge electric vehicle stations and put energy back into the grid. Building owners receive rental income for the use of their rooftop. A single subscriber to Powertree's services can provide \$900 in local economic benefit, \$350 which goes to local sales taxes and \$500 in general fund revenues. Drones are another innovative technology which can assist many in the field of planning. **Joshua Kornoff**, Chief Technology Officer of Drone 55, demonstrated an example of a drone flying over a quarry in Anaheim. In 15 minutes during the fly over, 181 high resolution photos provided information on measurements, volumetrics and 3D models. Workers on the site learn that the stockpile of sand within the quarry is 2,000 cubic metrics and they can calculate the exact number of trucks needed to haul the sand out. **Daniel Shlossman**, Senior Operations and Logistics Manager of Uber, spoke on the many transportation benefits of Uber. 96% of the time a personal vehicle is not in use and 15% of space in cities is devoted to storing vehicles. Uber and its newest service UberPool allows passengers to share trips and lower the cost, resulting in fewer cars on the road.

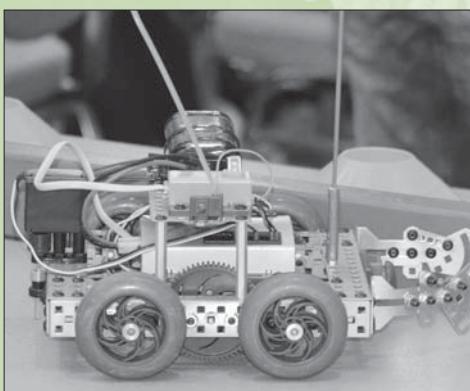
From the public sector, **Joshua Schank**, Chief Innovation Officer for LA Metro, announced that Metro is looking to crowd source innovative solutions. LA Metro welcomes innovative proposals from anyone in the private and public sectors. All proposals come to his desk. **Tom Bakaly**, Hermosa Beach City Manager, ended the panel session. He emphasized that California does not tax digital goods which results in a loss of \$130 million for the state and \$18 million for local jurisdictions. Cities and other government entities have been stuck in the mindset of the recession. “It is time to get out of this mindset and think about how local governments will be financed,” **Bakaly** ended.

Jory Wolf, Santa Monica's Chief Information Officer, detailed how Santa Monica built a one of a kind broadband network that they call CityNet. It all began when telecommunication providers were going to charge Santa Monica exorbitant rates for use of their services. Wolf realized that the city could save funds by building their own network. The City devised a plan such that anyone digging a trench in the city would be required to lay fiber optic cable as part of their project.. This allowed the city to establish and own a network. The first \$530,000 investment resulted in an ongoing savings of \$700,000 which gets reinvested into the community. The network offers services 10 times faster than what is commercially available.

The closing speaker, **Steve Raney**, Executive Director for Joint Venture Silicon Valley's Mobility as a Service (MAAS), envisioned future neighborhoods and transportation. Technology will provide subsidized mobility in terms of applications that can better allow for multimodal planning and autonomous shuttles. The ramifications of technology must be thought through. Autonomous vehicles will induce demand and allow people to live further away from home, he cautioned. “But we must imagine the future and its possibilities,” **Raney** concluded.

Throughout the day, technical profiles provided further information between the speakers. They included short videos on the Internet of Everything, Autonomous Vehicles and police body cameras. A Year in Review of the SBCCOG was also featured.

This free event is made possible every year by our sponsors who were recognized for their contributions, both cash and in kind contributions throughout the day.



El Camino College Robotics Exhibit



Drone 55 Exhibit

GREEN BUILDING CHALLENGE UPDATE

There are now 128 businesses participating in the South Bay Cities Green Building Challenge, earning points by implementing measurable sustainability improvements in categories of energy, water, waste, and transportation. The Challenge, a friendly competition that encourages businesses and commercial buildings operate more sustainably, is free and open to all South Bay commercial buildings and businesses. The Challenge will run until this August, culminating in a special breakfast on September 28 at which participants will be recognized. There is still plenty of time to join, and interested businesses are encouraged to contact Renee Daigneault at (310) 371-7222 or send an email to GBC@southbaycities.org.

A Few Program Participation Success Stories:

- **Beach Cities Health District:** As part of their annual Green Week, Beach Cities provided employees with ways to earn points by conserving at home and at the office, rewarding participating employees with a reusable water bottle.
- **Union Bank:** Hosted first ‘Save Green by Going Green’ event for bank business customers, providing info on sustainability strategies from the Green Building Challenge and financing strategies for energy efficiency projects.
- **Terranea Resort:** Added hardware and software to monitor energy usage, educated on-site properties about environmental initiatives, and retrofitted heating and cooling systems.

GREEN BUILDING CHALLENGERS

Active Security Solutions • Art Flying Aerial • Art Flying Yoga • AstroMotive • Automobile Driving Museum • BabyMAX Bagels Galore • Baskins Robbins Carson • Baskins Robbins RPV • Beach Cities Health District (2) • Blue Basil • Blue Lotus Boulevard Florist • Butler Inc. • Carpets by Monte • Century 21 Union Realty • Chapin Restaurant and Bakery Children’s Orchard Manhattan Beach • Cook’s Doors and Windows • Corner Burger • Corner Joint • Courtyard - Torrance/Palos Verdes • Courtyard - Torrance/South Bay • Crawfish Corner • Critics Choice Catering • Crowne Plaza Redondo Beach Custom Video Productions • DoubleTree Torrance • El Baja Chef • El Segundo Chamber of Commerce • Farmer’s Insurance (2) • Fat Tomato • Fiesta Martin Mexican Grill • Fiesta Time Tacos • Fitch’s • Fitness and Fun Body Transformation Center Fitness Strong • Flip it Café • Gardena One-Stop Business and Career Center • Grades of Green • Grande Law Firm Green Hapas Recycling • Hawthorne Chamber of Commerce • Hawthorn Suites • HazAwayToday.com • HD Conservation Hermosa Mexican Cuisine • Hustler Casino • Indian Summer Grill • Inglewood One-Stop Business and Career Center Insight Structural Engineers • Joy Bakery • Kaiser Permanente Carson • Kaiser Permanente Manhattan Beach • Kilroy Realty (5) King Shabu Shabu (2) • LEDtronics • Leo’s Mexican Food • Liberty Tax Hawthorne • Liberty Tax Torrance • Lomita’s Best Lopez Tax Service • Maki Yaki • Malaga Cove Ranch Market • Malaga Cove Library • Manhattan Bread and Bagel • Mar Ventures (2) Maritz • Mezontle Mexican Grill • Mi California Mexican Restaurant • Miraleste Library • Naja’s Place • 9Round Fitness Normandie Casino • Optima Energy, Inc • Our Lady of Guadalupe Church • Pacific Auto Cleaning • Pediatric Therapy Network (4) Peninsula Center Library • Pepe the Tailor • Philly’s Best • Poblanita Express • Providence Little Company of Mary PV Beach & Athletic Club • PV Golf Club • PV Land Conservancy • PV Tax Service • PV Tennis Club • Raytheon Redmond Aviation Lock & Key • Rinconcito Ecuatoriano • Rico’s Tacos El Tio Inc. • SaveSorb • 707 Silver Spur Road Shade Hotel • Slider Stop • St. Margaret’s Center • Soul Performance Surf Shop • Squeegy • Sunflower Farms Nursery Sunrise Senior Living Hermosa Beach • Tacos El Unico • Terranea • The Lawndale Laundromat • The Slip Bar and Eatery The Village • Torrance Travelodge • T4T.org • Trump National Golf Course • Union Bank Gardena • U.S. Hybrid Urban Trans • Verengo Solar • Walser’s • Watson Land • Wilson’s Unique Designs (2) • Workforce Investment Board. () indicates multiple locations



Thank you to our program partners





SPRING – TIME FOR HOME IMPROVEMENTS

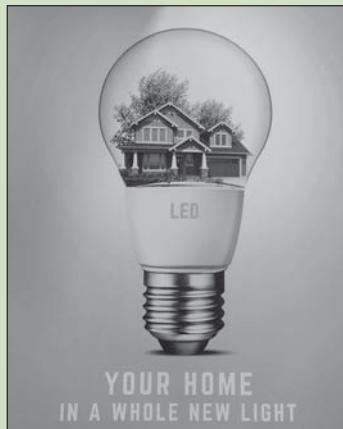
Whether you are sprucing up your home to sell or making it nicer for your own enjoyment, home improvements can make our living spaces more beautiful and comfortable to enjoy, and they can also release a home's hidden potential. Implementing energy efficient upgrades enhances our experience within the home, while saving us money on our energy bills, reducing unnecessary waste and helping California meet its energy goals.

By making practical and cost-effective changes, residents can maximize the potential of their own home while doing their part to help California "Stay Golden." One such change that is also relatively easy is to **update lighting to energy-efficient bulbs**. Traditional incandescent light bulbs give off 90 percent of their energy as heat, which translates into money wasted. Switching to energy-efficient lighting can recoup some of these costs and offer a refreshed look to your home. Choosing the right energy-efficient light can create the perfect ambiance in your home.

What are the options?

Halogen incandescent lights emit a soft warm glow similar to traditional incandescent light bulbs, but use roughly 25 percent less energy. Halogen incandescents are often used for flood or spot lighting, indoor recessed and track fixtures, and floor and desk lamps.

LED (light emitting diode) lights use 75 percent less energy and last 25 times longer than incandescent lights, making them one of today's most energy-efficient lighting options. Their rich, white color makes them an excellent replacement for traditional bulbs, and they are often an efficient option for recessed downlights and task lighting.



What should you look for?

When shopping for your new energy-efficient lighting, keep an eye out for ENERGY STAR® products. ENERGY STAR® light bulbs are higher quality, perform more efficiently and last longer than standard energy efficient bulbs. Manufacturers strive to achieve the ENERGY STAR® logo. ENERGY STAR® LED bulbs last longer than traditional incandescents, and can save you up to \$80 in electricity costs over the lifetime of the bulb.

Another thing to notice when looking for energy-efficient light bulbs is the rating by lumens, not watts. **Lumens** are a measure of the amount of brightness a bulb puts out, while watts are a measure of the energy used. Checking the lumens, rather than watts, will give you an indication of the bulb's brightness and help you to better understand how a light will look in your home.

Take color into consideration when updating your home lighting. Light color is measured on the Kelvin temperature scale. Lower Kelvin numbers mean the light appears more yellow and higher Kelvin numbers mean the light is whiter or bluer.

- For warm or soft, white, look for bulbs marked 2,700-3,000K.
- For a whiter light, look for bulbs marked 3,500-4,000K.
- For bluer white light, look for bulbs marked 5,000-6,500K.

For more information, please contact the SBCCOG's Environmental Services Center at 310-371-7222 or go to www.energyupgradeca.org.

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Find SBESC at www.sbesc.com

WEST BASIN MUNICIPAL WATER DISTRICT AWARDED GRANT

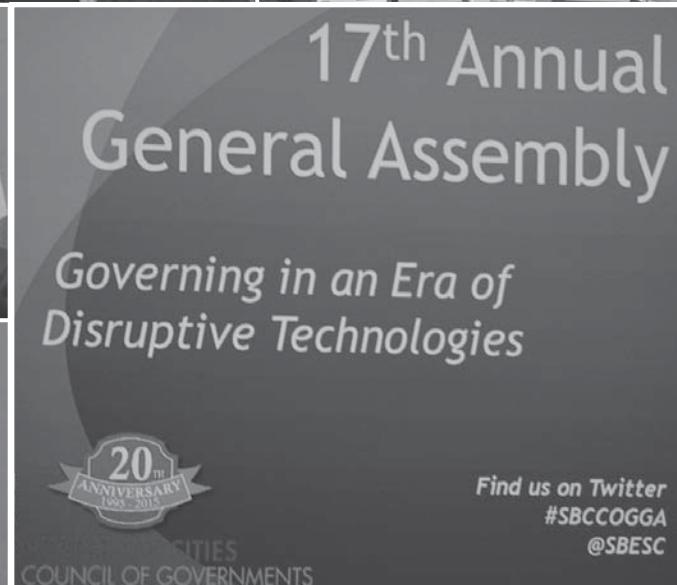
West Basin Municipal Water District, in partnership with the City of Palos Verdes Estates and Palos Verdes Golf Club, has been awarded \$2 million by the Department of Water Resources (DWR) to provide recycled water for irrigation to the Palos Verdes (PV) Golf Club, Los Arboles Park and Riviera Elementary School.

The project includes construction of a new recycled water pipeline, pump station and onsite storage to serve approximately 65 million gallons of recycled water per year. It also includes the extension of an existing recycled water pipeline in Torrance to connect to two additional sites – Los Arboles "Rocketship" Park and Riviera Elementary School.

Construction is expected to begin in April 2018 with completion anticipated in summer, 2019. In addition to DWR, other funding partners that helped make this grant possible included: California Water Service, Palos Verdes Golf Club, City of Palos Verdes Estates and the West Basin Municipal Water District.

For more information about West Basin and its water recycling program, please visit www.westbasin.org.

17TH ANNUAL GENERAL ASSEMBLY



Food for Thought

OUR ECOLOGICAL FOOTPRINT AND THE DEFICIT IT'S PRODUCING

http://www.footprintnetwork.org/en/index.php/GFN/page/footprint_basics_overview/

Footprint Basics

Human activities consume resources and produce waste. As our populations grow and global consumption increases, it is essential that we measure nature's capacity to meet these demands on our planet. The Ecological Footprint has emerged as one of the world's leading measures of human demand on nature. It allows us to calculate human pressure on the planet and come up with facts such as: If everyone lived the lifestyle of the average American, we would need 5 planets. Ecological Footprint Accounting thus addresses whether the planet is large enough to keep up with the demands of humanity.

How the Ecological Footprint Works

The Ecological Footprint measures the *supply* of and *demand* on nature. On the supply side biocapacity represents the planet's biologically productive land areas including our forests, pastures, cropland and fisheries. These areas, especially if left unharvested, can also absorb much of the waste we generate, especially our carbon emissions.

Biocapacity can then be compared with humanity's *demand* on nature: our Ecological Footprint. The Ecological Footprint represents the productive area required to provide the renewable resources humanity is using and to absorb its waste. The productive area currently occupied by human infrastructure is also included in this calculation, since built-up land is not available for resource regeneration. Our current global situation: *Since the 1970s, humanity has been in ecological overshoot with annual demand on resources exceeding what Earth can regenerate each year.*

It now takes the Earth one year and six months to regenerate what we use in a year.

We maintain this overshoot by liquidating the Earth's resources. Overshoot is a vastly underestimated threat to human well-being and the health of the planet, and one that is not adequately addressed.

By measuring the Footprint of a population—an individual, city, business, nation, or all of humanity—we can assess our pressure on the planet, which helps us manage our ecological assets more wisely and take personal and collective action in support of a world where humanity lives within the Earth's bounds.

Conceived in 1990 by Mathis Wackernagel and William Rees at the University of British Columbia, the Ecological Footprint launched the broader Footprint movement, including the carbon Footprint, and is now widely used by scientists, businesses, governments, individuals and institutions working to monitor ecological resource use and advance sustainable development. 

For more information regarding The Ecological Footprint concept, visit: www.footprintnetwork.org



EARTH DAY: APRIL 22, 2016

Cities throughout the South Bay hosted Earth Day celebrations in April. Inglewood Councilmember Ralph Franklin and Grace Farwell-Granger, SBCCOG staff, South Bay Environmental Services Center, enjoy City of Inglewood's "Earth Day Festival 2016: Celebrate Water" on April 16.

CALENDAR

All meetings are open to the public

May

- 9 Steering Committee
- 10 GIS Working Group
- 12 Social Media Working Group
- 18 Infrastructure Working Group
Livable Communities
- 24 Senior Services Working Group
- 26 Board of Directors**

June

- 13 Steering Committee
- 14 GIS Working Group
- 15 Infrastructure Working Group
- 23 Board of Directors**

July

- 11 Steering Committee
- 12 GIS Working Group
- 14 Legislative Briefing
Social Media Working Group
- 20 Infrastructure Working Group
Livable Communities
- 26 Senior Services Working Group
- 28 Board of Directors**

Contact jacki@southbaycities.org for further information.

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