



SUSTAINABLE
LONG BEACH

SUSTAINABLE

Sustainable City Commission Work Plan 2010 - 2011

Lisa Wibroe, Chair
Gordana Kajer, Vice Chair

HISTORIC PAST

INNOVATIVE PRESENT

SUSTAINABLE FUTURE

Accomplishments 2009-2010

2009-2010

Awards & Distinctions

In 2009-2010, the City received numerous awards and distinctions toward becoming a sustainable city:

- 20% reduction in per capita water consumption 11 years ahead of statewide conservation mandate
- 13th most solar-friendly municipality
- No. 1 in the nation for most urban gardens per capita
- No. 1 Green Fleet in the Nation (second year running)
- Port of Long Beach awarded Clean Air Award by AQMD
- Clean Air Excellence Award to the Port of Long Beach for the Green Flag Program
- 2009 Solid Waste Management Program Gold Excellence Award from the Solid Waste Association of North America
- Recognized as Climate Action Leader by the California Climate Action Registry

Green Grants

In 2009-2010, the City received numerous grants by which Long Beach will be able to invest in sustainable infrastructure:

- Awarded \$4.3 million for Energy Efficiency Block Grant Program (EECBG)
- Awarded \$10 million for regional Storm Drain installments
- Awarded \$10 million for bike and mobility improvements
- Awarded \$1.5 million for California Green Jobs Grant
- Awarded \$3.2 million for Colorado Lagoon Restoration

Events & Celebrations

In 2009-2010, the City celebrated with sustainable local events:

- Celebrated Earth Week 2009
- 1st Annual Bike Festival
- 5th Annual Green Port Festival, with over 10,000 visitors
- Sustainable Long Beach booth representing the City at Women's Conference
- Participated in CSULB's Eco Week
- Conducted second annual bike counts
- Participated in car free Fridays and Bike To Work Day
- Co-hosted free solar information session with SCE
- Participated in Cans for Cash Recycling Challenge
- Participated in Brag About Your Bag campaign and Day Without A Bag

Commission Recommendations

The Sustainable City Commission addressed the following issues from the 2009-2010 Work Plan:

- Model Landscape Ordinance
- Community Garden Policy
- LA County Energy Program
- Rain Barrel Program
- Green Business Recognition Program
- Earth Week 2010

Accomplishments 2009-2010

2009-2010

The Office of Sustainability successfully implemented the following programs in 2009-2010:

- The Sustainable City Commission completed the Sustainable City Action Plan, which was approved by the City Council on February 2, 2010, and the City's first Green Report Card was also completed.
- In December 2009, the City secured \$4,397,500 in ARRA funding from the U.S Department of Energy to complete municipal building energy efficiency retrofits and residential energy efficiency incentives and rebates for Energy Star-rated devices.
- In January 2010, the City entered into the Local Government Energy Efficiency Partnership with SCE, which provides rebates, incentives and community outreach resources for energy efficiency in Long Beach.
- In February 2010, the City of Long Beach was awarded a \$108,000 grant by AQMD to plant 1,000 drought-tolerant, low VOC, native trees in local medians and public right-of-ways within one year.
- In April 2010, the City launched the Residential Energy Efficiency Rebate Program, which provides a maximum \$500 rebate and no-cost permit to the first 500 applicants who install qualifying energy efficient products such as Energy Star-rated solar hot water-heaters, tank-less water-heaters, windows, doors, skylights and cool roofs.
- In April 2010, the City released its second annual Greenhouse Gas Emissions Inventory Report, which showed a reduction of 2,537 metric tons in its greenhouse gas emissions, taking an important first step in showing progress in reducing the City's carbon footprint.
- In April 2010, the Office of Sustainability presented a week of events celebrating Earth Week 2010, including installing a rain barrel and drought-tolerant landscape at North Library, launching the Residential Energy Efficiency Rebate program, co-hosting a permeable pavement demonstration with the Long Beach Job Corps, hosting an edible garden showcase at the City Hall garden, releasing the City's Community Garden policy, and facilitating two neighborhood tree plantings and organizing the giveaway of over 1000 compact fluorescent light bulbs. These events were featured in the 'Earth Week 2010' community calendar and through special green programming on LBTv.
- In April 2010, Operation Mulch-A-Lot, which beneficially reuses 6,000 tons of city street tree trimming mulch on local vacation lots, turned one year old this month.
- In June 2010, the City began a Waterless Car Wash Pilot Project in partnership with Parking Operations, in which a company provides waterless car washing services for fleet and employee vehicles in the Broadway & CityPlace garages.
- In June 2010, Health Department, Library Services, Public Works and Fire Department facilities have received free energy efficiency audits from SCE to identify measures that can be installed for energy and cost savings.
- In July 2010, three solar compacting trash units were installed in business improvement districts for a pilot period of six months to test the effectiveness of this solar technology to reduce trips and collect trash and recycling.
- In July 2010, a book and crate sale benefiting the Art Exchange took place at Acres of Books, which was the direct result of a year of deconstruction activities by green job youth workers managed by the Office of Sustainability.

Work Plan 2010 - 2011

These actions, which are part of the Sustainable City Action Plan, were chosen by the Sustainable City Commission to be included in the 2010-2011 Work Plan. These complimentary actions are intended to guide the Commission and City Staff in creating green projects, programs and policies and making recommendations to the City Council over the next year.

Buildings and Neighborhoods



- LEED for Existing Building Policy: Establish a policy that requires municipal building renovations to be completed to the LEED standard to reduce costs and improve indoor air quality.
- Green Lease Policy: Establish a policy that has green measures incorporated into the language City leases to reduce costs.
- Green Roof Project: Identify a municipal roof location to install a cool or green roof and identify funding for this installation.
- Green Adoption Programs: Create an adoption or sponsorship program designed to leverage private contributions to maintain community assets such as stormdrains, beaches, trees, etc.

Energy



- Title 24 Reach Codes: Establish Title 24 codes that reach beyond current requirements, meeting the California Public Utility Commission's Long Term Energy Strategic Plan.
- Solar Master Plan: Produce a solar master plan, identifying opportunity areas for solar installations with multiple solar technologies.
- PACE Financing Program: Support the LA County Energy Program and promote opportunities to Long Beach residents.
- Electric Vehicle (EV) Infrastructure Plan: Identify opportunities for EV installations and create opportunities to test new EV technology in Long Beach.

Green Economy & Lifestyle



- Green Business Recognition Program: Promote this program and recognize local businesses who participate.
- Green Purchasing Policy Update: Update the City's green purchasing policy to include updated requirements and new requirements for the purchase of green building and construction materials, green fleet vehicles and office supplies.
- Low Impact Development Academy: Identify and apply for continued funding for green jobs which are essential to assist with the greening projects within the Long Beach community.

Transportation



- Green Fleet Purchasing Policy: Establish a policy that requires new fleet purchases to support an increase in average fuel efficiency and/or be low emission or alternative fuel vehicles.

Work Plan 2010 - 2011

Transportation cont.

- Green Airport Plan: Similar to the Green Port Plan, produce a plan for the Airport that identifies short term and long term sustainability measures that will be implemented to establish Long Beach as one of the nation's greenest airports.
- Bike Share Program: Implement a bike sharing program that allows community members to have access to bicycles to reduce individual car trips.
- Bike Boulevard Project: Complete a bike boulevard pilot project to demonstrate the effectiveness of a shared bike and car road that connects parts of the community.
- Car Sharing Program: Implement a car sharing program to demonstrate an alternative to individual car ownership and explore revenue generating/sharing opportunities related to car sharing.



Urban Nature

- Green Park Maintenance & Operations Policies: Update the City's operations policies to include updated green requirements and new requirements for park operations and maintenance.
- Green Linkage Plan: Produce a green linkage plan, identifying opportunity areas for tree planting, landscaping, and other open space projects throughout Long Beach that link to existing bike routes, open space and other community assets.
- Urban Agriculture Policies: Establish policies that enable and allow for urban agriculture practices, such as urban farms, chickens, bees, and other agricultural practices, throughout Long Beach.
- Street Tree List Update: Update the City's street tree list and reconcile this list to include drought-tolerant, native, and low VOC species.
- LA River Cleanup: Support policies, programs and apply for grants to support LA River cleanup.



Waste Reduction

- Commercial Recycling Policy: Create a commercial recycling policy and captures recycling from commercial properties.
- Municipal Mulch Delivery Program: Begin a pilot municipal mulch delivery program through the Low Impact Development Academy
- Plastic Bag Policy: Continue to follow state legislation and participate in local and regional efforts to educate the community about single use items and support reusable bags.



Water

- Low Impact Development Policy: Create a low impact development policy and incorporate this policy in the City's new NPDES permit.
- Rain Barrel Program: Identify funding to facilitate another round of the City's rain barrel program.
- Landscape Incentives: Work with the Water Department to provide another round of landscaping incentives and identify additional funding to upgrade city landscape watering systems.
- Gray Water Project Registration: Establish an online process where local residents can register their gray water systems to provide best practices and information to the community.

