

LONG BEACH SUSTAINABLE CITY ACTION PLAN

This Sustainable City Action Plan includes initiatives, goals and actions that will move Long Beach toward becoming a sustainable city. Recognizing the interconnectedness of our environment and our place in it, the initiatives in this plan are interconnected as well. This plan is meant to guide our decisions, expand our thinking and inspire us to strive toward a truly sustainable Long Beach.

Initiatives

Energy



- Shrink Long Beach's carbon footprint by reducing greenhouse gas emissions
- Ensure all of the City of Long Beach's operational needs are met through energy efficiency, conservation and renewable energy sources
- Reduce electricity and natural gas consumption of the Long Beach community

Buildings and Neighborhoods



- Accelerate the use of green building techniques in new development, renovations and retrofits to improve building efficiency and health
- Enhance and enliven corridors and neighborhoods with green infrastructure and public spaces
- Enhance our community to encourage people to get out of their cars and into their neighborhoods

Transportation



- Reduce emissions and improve air quality by moving toward more fuel efficient and alternative fuel vehicles
- Increase public transit ridership by expanding access, infrastructure and convenience
- Provide an environment and culture where walking and biking are safe, viable and preferred modes of transportation in the city
- Implement the Clean Air Action Plan (CAAP), designed to significantly reduce port-related air emissions over a 5-year plan, through a partnership with the Harbor Department and its tenants

Waste Reduction



- Increase diversion by reducing waste and increasing recycling and reuse
- Increase awareness and promote the concepts of reduce, reuse, and recycle
- Utilize recyclable materials as a raw materials source for industrial development to enhance the recycled-materials market in Long Beach

Urban Nature



- Create a more balanced network of open spaces through acquisition, restoration and greenway linkages, consistent with the 2002 Open Space and Recreation Element of the General Plan
- Promote biodiversity citywide by encouraging the wide scale use of native or edible landscapes
- Increase awareness and promote the natural environment as a place to play, learn and be active

Water



- Ensure a sustainable water supply through conservation and reduced dependence on imported water
- Implement low impact development strategies to reduce runoff and pollution at the source and increase the beneficial use of rainwater

Green Economy & Lifestyle



- Establish Long Beach as the leading California city for green business and green job growth
- Promote individual action that encourages active and green lifestyles, which supports a green economy

Contact

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LONG BEACH**

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HISTORIC PAST

INNOVATIVE PRESENT

SUSTAINABLE FUTURE

SUSTAINABLE CITY ACTION PLAN GOALS

2011



- Reduce future port-related emissions by 45%

2012



- 100% of city-owned vacant lots are utilized with interim green uses

- Create at least 6 new community gardens
- Double the number of LEED accredited professionals (or equivalent) in the City and community



- Increase city employee average vehicle ridership to 1.5



- Through a pilot program, facilitate the installation of rain catchment systems at 5 City facilities



- Identify and develop at least 2,000 green collar jobs in Long Beach
- Enroll 100 green businesses in the Long Beach Green Business Certification Program
- Target half of the business grants/loans for green business development

2016



- Increase number of students participating in TREC to 2000 per year



- Increase public transit ridership by 25%
- 100% of taxi cab fleets are alternative fuel and/or low emission
- Increase bike ridership from 1% to 10%



- Train 500 Habitat Stewards
- Establish one or more Nature Centers along the LA River



- Facilitate the development of 50 green roofs communitywide

Other



- Reduce diesel particulate matter from all port-related sources by 1,200 tons per year
- Reduce port-related nitrous oxide emissions by 12,000 tons per year



- Annual reduction in average pounds of solid waste generated per person per day

2020



- 50% of Long Beach residents work in Long Beach
- At least 60,000 residents in the downtown
- At least 30% of Long Beach residents use alternative transportation to get to work
- Plant at least 10,000 new trees in Long Beach
- 100% of suitable alley and parking lot projects use permeable pavement
- 100% of major city facilities are LEED certified (or equivalent)
- At least 5 million square feet of privately developed LEED certified (or equivalent) green buildings



- Increase City green spending to 100%



- Reduce greenhouse gas emissions from City facilities by 15%
- Reduce electricity use in City operations by 25%
- Reduce natural gas use in City operations by 15%
- Facilitate the development of at least 2 Megawatts of solar energy on city facilities
- Reduce community electricity use by 15%
- Reduce community natural gas use by 10 %
- Facilitate the development of at least 8 Megawatts of solar energy within the community (private rooftops)



- Increase the average fuel efficiency of the gasoline-powered City fleet to 35 mpg
- 100% of the City fleet is alternative fuel and/or low emission
- Create a system of at least 200 miles of interconnected bike routes (Class 1-3)
- Reduce vehicle emissions by 30%



- Create 8 acres of open space per 1,000 residents
- Create 100 miles of green linkages
- Establish a native landscape demonstration in parks 1 acre or larger
- Establish a community garden in every park 5 acres or larger
- Convert 1,200 front yards to native or edible landscapes by 2020



- Attract and retain of total of 20 RMDZ manufacturing companies



- Reduce per capita use of potable water, exceeding the State mandate to achieve a 20% demand reduction in per capita water use