

City of Hayward, California

City's Climate Action Plan Takes Shape

Hayward is known as the "Heart of the Bay" because of its central and convenient location in Alameda County – 25 miles southeast of San Francisco and 26 miles north of San Jose. With its central location, it's not surprising that 62% of the City's greenhouse gas (GHG) emissions come from transportation sources.

The City has worked over the last year to prepare a community-wide Climate Action Plan. The Plan aims to reduce GHG emissions by 6% below 2005 levels by 2013, 12.5% below 2005 levels by 2020, and 82.5% below 2005 levels by 2050.

The City of Hayward is taking steps to reduce GHG emissions on several fronts including: adoption of a green building ordinance in December 2008, adoption of Environmentally Friendly Landscape Guidelines in March 2009, enforcement of a water efficient landscape ordinance, and certification of the City's Fleet Management Division as a Green Business.

Hayward is in the early stages of implementing the Climate Action Plan. However, the City has already installed a rooftop photovoltaic system at a Public Works facility and upgraded HVAC systems in City buildings. In addition, the City aims to increase waste reduction and recycling programs.

Photo Credit: www.greenform.net



The Hayward City Center (shown here) is a mixed-use remodel project that has received LEED CS pre-certification at the Gold Level.

Green Actions Snapshot

- Adopted a Climate Action Plan, July 2009
- Completed a baseline GHG inventory, 2006
- Implemented a Green Building Ordinance, 2008
- Reducing vehicle miles traveled
- Enforcing a water efficient landscape ordinance
- Certified City's Fleet Management Division as a Green Business
- Increasing the use of renewable energy
- Installed a photovoltaic (PV) system on Public Works rooftop

Environmental Benefits By 2020

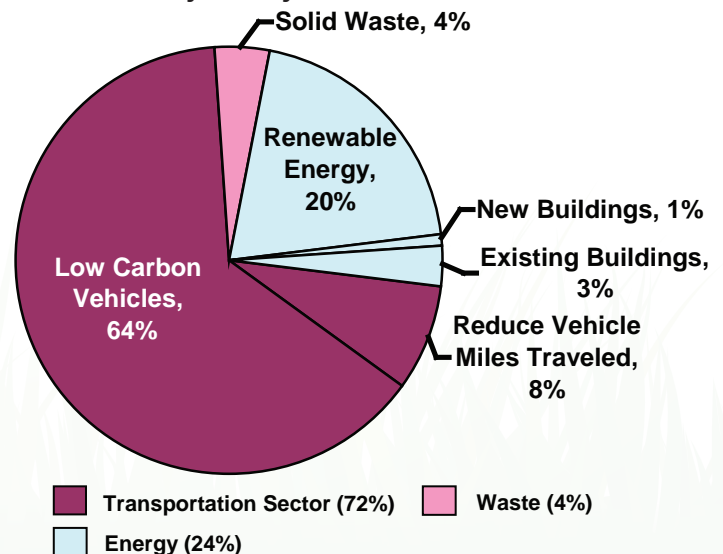
- Reduce CO₂E emissions from 28,323 cars driving for one year
- Reduce CO₂E emissions from electricity use of 20,482 homes for a year
- Reduce CO₂E emissions from burning 808 railcars worth of coal
- Reduce the carbon sequestered annually from 35,146 acres of pine or fir forest

Total Estimated Greenhouse Gas Reductions By 2020

- 154,642 metric tons of CO₂E

Greenhouse Gas Reductions By 2020 (154,642 metric tons CO₂E)

To meet 2020 GHG reduction goals, Hayward will have to reduce transportation emissions by 72%. This data is from the City of Hayward's Climate Action Plan.



What Actions Is Hayward Taking to Engage a Climate Action Plan?

In 2006, the City joined the Alameda County Climate Protection Project and ICLEI's Cities for Climate Protection Campaign. During that year, the City and ICLEI completed a baseline greenhouse gas (GHG) inventory using the year 2005 for the baseline. After drafting a preliminary list of GHG-reducing actions, City staff presented the actions to several community groups during the Fall of 2008. Meaningful feedback was collected and actions were prioritized by calculating an overall score for each action. The draft Climate Action Plan was presented to the community in March 2009 at public meetings. The final Climate Action Plan is scheduled to be adopted by the City Council in late July 2009.

What Actions Is Hayward Taking to Support Green Transportation?

The City goal is to reduce vehicle miles traveled by encouraging residents and employees to use alternative modes of transit by improving the effectiveness of the transportation circulation system and through land-use and zoning mechanisms. This includes ride sharing programs, subsidized transit passes, and locating employment near transit and activity centers; institutional policies and programs; and governmental policies, programs, guidelines, and standards, such as municipal transit policies and zoning code standards that cap the maximum rather than minimum number of parking requirements. These actions will result in an annual emissions savings of approximately 14,100 metric tons of CO₂E by 2020.

The City fleet is made up of 418 vehicles, out of which 12 are hybrids, 24 are Flex-Fuel (E-85), 6 are CNG natural gas vehicles, and 1 is a ZEV electric cart. The City's procurement guidelines encourage small vehicles and alternative fuels.

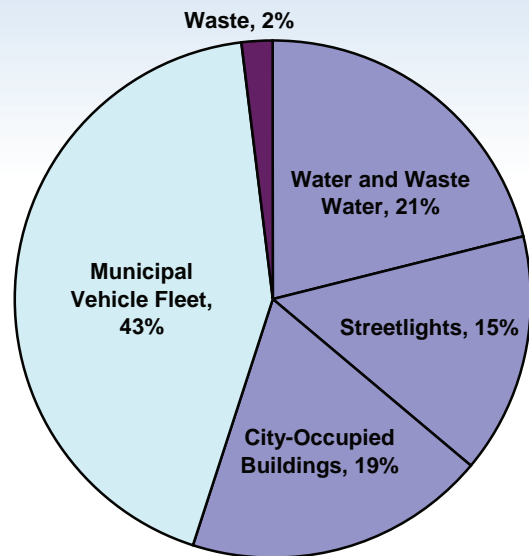
What Actions Is Hayward Taking to Build Green and Conserve Water?

The City implemented a green building ordinance in 2008 that requires all non-residential projects of 1,000 square feet or more to show compliance for an overall energy budget of 5% below 2008 Title 24 Building Energy Efficiency Standards.

The Green Building Ordinance requires these projects to reduce indoor water use by 20% below baseline, per 2007 California Plumbing Code, for each toilet or urinal replaced or installed. The City is looking into "cool roof" roofing materials and recycled content products to further energy savings in City buildings.

The City of Hayward anticipates a solid Climate Action Plan by July 2009. The City aims to reduce GHG emissions by 12.5% below 2005 levels by 2020. If Hayward meets this target, the City will have prevented 154,642 metric tons CO₂E from being emitted into the atmosphere.

Hayward Emissions From Municipal Operations



Municipal operations in Hayward emitted a total of 9,647 metric tons of CO₂. The majority of emissions (56%) are energy related. The second largest (43%) is transportation related. The third (2%) is waste related. This data is from the City of Hayward's baseline GHG inventory (2005).

Contact Information

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