

Comparison of Actions in CAP with those Presented to Sustainability Committee in December 2008

Changes made after the December Sustainability Committee meeting are red and underlined.

Strategy 1: Land Use and Transportation: Reduce Vehicle Miles Traveled

Community-wide actions

Increase the Use of Alternative Modes of Transportation

- Action 1 Assist businesses in developing and implementing commuter benefits programs.- A commuter benefits program might consist of an offer to provide discounted or subsidized transit passes, emergency ride home programs, and participation in commuter rideshare programs.
- Action 2 Assist businesses in developing and implementing car sharing programs, such as Zip Car® or City Car Share, and encourage large employers/employees such as the colleges and Hayward Unified School District (HUSD) to implement such programs.
- Action 3 Modify City/ity parking ordinances to incentivize walking, biking, and public transit by employing parking strategies that include adding bicycle parking, increasing the number of parking spots with time limits, adjusting parking time limits to correspond with adjacent building uses, increasing the number of paid parking spaces, and making space location and fees consistent with demand targets.

Improve Effectiveness of Transportation Circulation System

- Action 4 Collaborate with BART and AC Transit to explore short- and long-term opportunities to expand services (for example, to extend rapid bus service from Bay Fair to the South Hayward BART/Bus Station and pursue a hydrogen ~~alternative~~ fueling station for both buses and personal vehicle use, and); improve transit stations by expanding amenities at stations.
- Action 5 Continue to implement and expand the City-wide bicycle master plan through aggressive pursuit of grants and other sources of funding which could be used to expand bike lanes and bike parking facilities.- Assist businesses in creating or expanding bike-to-work incentive programs, including bike sharing, adequate secure bike parking, and bike maps of the City/ity, bike safety classes, and other incentives that reward bikers.
- Action 6 Develop and implement a City-wide pedestrian master plan that improves the convenience, safety, and attractiveness of and access to pedestrian ways. Update the plan on a regular basis to ensure that walkability improves over time.

Action 7 ~~Update the City's Circulation Element of the General and long-term Transportation Master~~ Develop a comprehensive Plan to locate, evaluate, prioritize, and select appropriate transit modes such as street car, bus rapid transit, or other modes that eventually greatly decreases the need for personal vehicles for travel within the City. The Plan should integrate pedestrian, bicycles, and transit modes with motor vehicles. When proposing changes to the transportation system, the City will consider the climate impacts and give preference to solutions that reduce auto dependency and minimize GHG emissions.

Action 8 ~~Improve traffic flow and reduce vehicle idling by implement an intelligent transportation system. The systems may include Transportation Systems (ITS) for surveillance and traffic control, such as synchronized signals, transit and emergency signal priority, and other traffic flow management techniques. When developing the program, Hayward should work with the Metropolitan Transportation Commission to improve traffic flow and the Alameda County Congestion Management Agency to expand~~ Implement an Intelligent Transportation Systems (ITS) for surveillance and traffic control, such as synchronized signals, transit and emergency signal priority, and other traffic flow management techniques. When developing the program, Hayward should work with the Metropolitan Transportation Commission to improve traffic flow and the Alameda County Congestion Management Agency to expand ~~roadway and intersection performance metrics to include pedestrian, bicycle, and level of service LOS² criteria to measure quantitative and qualitative metrics such as accessibility, intersection crossing times, and other relevant and contextual data.- As transportation design, planning, and funding decisions are considered; it is recommend that Hayward use~~ roadway and intersection performance metrics to include pedestrian, bicycle, and level of service transit LOS² criteria to measure quantitative and qualitative metrics such as accessibility, intersection crossing times, and other relevant and contextual data.- As transportation design, planning, and funding decisions are considered; it is recommend that Hayward use ~~the multi-modal evaluation metrics rather than the more conventional AASHTO and ITE Manual criteria that considers costs and benefits of travel biking, walking, carpooling, and public transit.-~~

Utilize Zoning & Land-use Mechanisms to Minimize Need for Auto Transportation

Action 9 ~~In order to encourage non-automotive modes of travel, continue to implement and update~~ Amend the General Plan Circulation and Land Use Elements pertaining to incorporate smart growth principles and policies consistent with recommendations provided in the Appendix that support higher-density, mixed-use, and well-designed development in areas within ½ mile of transit stations and ¼ mile of major bus routes. in order to encourage non-automotive modes of travel. Amend the Municipal Code Zoning, Subdivision, and Off-Street Parking Standards to incorporate smart growth principles, policies, and development standards consistent with recommendations provided in the Appendix H and I of the CAP.

Action 10 Explore the development of zoning and development standards that consider both the land uses and the urban design or transect-based form of buildings and public space where the new standards will result in reduced GHG emissions. ~~based code.~~

Action 11 Explore potential strategies related to the creation of additional affordable housing to sell to buyers employed in Hayward but who currently reside in other areas that require commuting to work in Hayward. For example, consider implementing a community land trust to purchase and resell foreclosed properties. The ~~A~~ program could potentially be coordinated with local businesses.

Action 12 Develop an incentive plan to maximize the number of residents that work within the City, and encourage filling local jobs first with local residents, to eliminate commutes.

Municipal Actions

- Action 1 ~~Reinstate~~~~Continue to promote existing~~ commuter benefits such as Commuter Checks to City employees, and when possible expand other commuter benefits ~~programs.~~~~program.~~ This action aims to get City employees to avoid driving to work alone.
- Action 2 Explore options in developing a car-sharing and/or bike sharing program for City employees. If private organizations like Zip Car® are not interested in managing the car sharing program, it could be administered by the City as a benefit available to City employees only. A bike share program would also be administered by the City as a benefit to City employees.
- Action 3 When making decisions about where to rent or build ~~new~~~~new~~ City facilities, give preference to locations that are accessible to an existing public transit line.

Strategy 2: Decrease Carbon-intensity of Vehicles

Community-wide Actions

- Action 1 Play an active role in collaborating with regional, state, and federal efforts to pProvide financial and non-financial incentives for residents to purchase low-carbon vehicles. For example, the City could host work sessions with regional transportation planners and policy makers, or the City may support pending legislation. City may investigate options for waiving vehicle registration fees for designated vehicles. The City may also considerThe City could consider granting allowing designated vehicles to useaccess to preferred or free parking spaces. Inspaces, or use HOV lanes if the City creates HOV lanes in the future
- Action 2 Play an active role in collaborating ~~Continue to collaborate with~~ regional, state, and federal authorities~~entities~~ to promote the use of alternative fuels and increased vehicle fuel efficiency standards. For example, Hayward may advocate for higher fuel-economy standards, or contribute to regional and state marketing and outreach efforts.
- ~~Action 3 Institute disincentives for purchasing high-carbon intensity vehicles such as surcharges on vehicle registration fees or other financial or non-financial disincentives as determined to be appropriate.~~

Municipal Actions

- Action 1 Continue to procure fuel-efficient and alternative fuel vehicles for municipal vehicle fleet.
- Action 2 Continue to, whenever possible, negotiate an alternative fuel requirement into new ~~trash-hauling contracts~~~~services provided by the City franchisee.~~ When the City re-negotiated their ~~franchise agreement~~~~contracts with Waste Management in 2007, they included a requirement that Waste Management use alternative fuels to power the fleet used to haul residential solid waste and recycling.~~
- ~~Action 3 When making decisions about where to rent or build new City facilities, give preference to locations that are accessible to an existing transit line.~~

Strategy 3: Improve Energy Performance of Existing Buildings

Community-wide Actions

- Action 1 Develop and implement a Residential Energy Conservation Ordinance (RECO) for detached single-family homes which would require improved energy efficiency and energy conservation in residential buildings. ~~Update~~Evaluate the RECO ~~program~~ on a regular basis to ensure buildings become more energy efficient over time.
- Action 2 Develop and implement a Residential Energy Conservation Ordinance (RECO) for multiple-unit homes which would require improved energy efficiency and energy conservation in residential buildings. Update the RECO on a regular basis to ensure buildings become more energy efficient over time.
- Action 3 Develop a Commercial Energy Conservation Ordinance (CECO) which would require improved energy efficiency and energy conservation in commercial buildings. Continuously update~~Evaluate~~ the CECO ~~program on a regular basis~~ to ensure buildings become more energy efficient over time.
- Action 4 Develop public information and education campaign to encourage~~requesting~~ every household and every business to reduce their energy consumption by 10 percent over ten years.
- Action 5 Develop a program to encourage or require installation of Home Energy Monitors in existing residences. Home Energy Monitors monitor energy use and provide building occupants with feedback on their real-time and long-term average energy consumption. This may be done in conjunction with Actions 3.1, 3.2, -or 3.4.
- Action 6 Develop a residential energy efficiency retrofit financing program for single unit homes.~~This financing program should be linked with the residential PV financing program.~~
- Action 7 Develop a residential energy efficiency retrofit financing program for multiple unit homes.
- Action 8 ~~-Develop a commercial energy efficiency retrofit financing program. This financing program should be linked with the commercial PV financing program.~~

Municipal Actions

- Action 1 Take advantage of California Energy Commission's low interest loans for efficiency retrofits and LED street lighting (<http://www.energy.ca.gov/efficiency/financing>) (<http://www.energy.ca.gov/efficiency/financing/>)
- Action 2 Continue to implement energy conservation practices~~plan for energy consumption~~ in City-owned~~city-occupied~~ buildings. Prepare an~~City's~~ energy conservation plan and update it~~should be updated~~ on a regular basis.
- Action 3 Audit all City~~city~~ buildings & identify opportunities for efficiency improvements from both operations and equipment upgrades.

Strategy 4: Improve Energy Performance of New Buildings

Community-wide Actions

- Action 1 ~~Continue to implement the Update Private Development Sector Green Building Ordinance for residential buildings. Evaluate the program~~ on a regular basis to ensure new ~~residential~~ buildings are getting ~~increasingly~~ more efficient ~~over time.~~
- Action 2 ~~Continue to implement the Update Private Development Sector Green Building Ordinance for commercial and industrial buildings. Evaluate the program~~ on a regular basis to ensure new ~~commercial~~ buildings are getting ~~increasingly~~ more efficient ~~over time.~~

Municipal Action

- Action 1 Continue to implement ~~the~~ Municipal Green Building Ordinance. Evaluate ~~the~~ program every 5 years to ensure buildings are becoming more efficient over time.¹

Strategy 5: Utilize Renewable Energy

Community-wide actions

- Action 1 Develop a program for the financing and installation of photovoltaic systems on residential building ~~including single and multiple families. The residential buildings and mobile homes. PV financing program should be coupled with the residential efficiency financing.~~
- Action 2 Develop a program for the financing and installation of ~~photovoltaic~~ PV systems on commercial buildings. ~~The commercial PV financing program should be coupled with the commercial efficiency financing.~~
- Action 3 ~~Incorporate a renewable energy requirement into Private Development Green Building Ordinance. Increase renewable portion of utility electricity by advocating for increased state-wide renewable portfolio standards, participating a community choice aggregation, or using other means.~~
- Action 4 ~~Increase the renewable portion of utility electricity generation by advocating for increased state-wide renewable portfolio standards; and consider participating in community choice aggregation, or other means. Incorporate renewable energy requirement into private green building ordinance.~~

Municipal Actions

- Action 1 Conduct audits of City buildings and identify buildings that are best-suited for efficiency and solar retrofits. - Invest in efficiency retrofits and solar upgrades in qualifying ~~City~~ buildings.
- Action 2 ~~Ensure that all new City owned facilities are built with PV and/or solar hot water systems as appropriate to their functions.~~
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~~When making decisions about where to rent or build new City facilities, give preference to buildings that are located in areas with convenient access to an existing transit line.~~

Strategy 6: Increase Recycling and Food Scrap Collection

Community-wide Actions

- Action 1 ~~Increase participation in the~~ Promote commercial recycling services ~~servicing by hiring a consultant to contact businesses to offer assistance in implementing waste reduction and recycling programs or expanding current programs offered businesses through the City's contract with its franchisee.~~
- Action 2 Increase participation in the recycling services offered single-family homes through the City's contract with its franchisee. Continue to implement and promote food scraps collection for single-family homes. Over time, expand food scraps collection programs with the goal of minimizing organic waste in the landfill.
- Action 3 ~~Improve~~ Recommend improvements to the City's construction and demolition debris recycling ordinance by evaluating other jurisdictions' provisions, as well as the processing capabilities of the various transfer stations and facilities in Alameda County and adjacent counties.
- Action 4 Evaluate the viability of implementing a ban on certain materials from landfill, e.g., yard trimmings, untreated wood, cardboard, plastic bags, or polystyrene, or cardboard.
- Action 5 Evaluate the viability of requiring that residents and/or businesses participate in the recycling programs offered through the City's franchisee.
- Action 6 ~~-~~Develop program that encourages overall reduction of waste in residential and commercial sectors.
- Action 7 Advocate for waste management strategies that aim to maximize the useful value of solid energy and waste by, for example, utilizing landfill gas to create electricity. ~~marketable materials programs.~~
- ~~Action 8 Ban certain high-polluting materials such as plastic bags and polystyrene.~~

Municipal Actions

- Action 1 Continue to implement recycling programs in City-occupied buildings.
- Action 2 Implement organics collection ~~composting~~ programs in City-occupied buildings.
- Action 3 Develop an Environmentally Friendly Purchasing Policy.

Strategy 7: Sequester ~~Purchase~~ Carbon Offsets

Community-wide actions

- Action 1 Develop and implement a program to maximize carbon sequestration activities occurring within Hayward. Activities may include planting trees or managing wetlands. ~~Participate in program to purchase carbon offsets.~~
- ~~Action 2 Invest in reforestation projects, wetland redevelopment projects, and other projects that will result in carbon sequestration.~~

Municipal Actions

The Plan recommends that the City take the following actions to increase the amount of renewable energy used by City facilities.

- Action 1 Develop a protocol for maximizing carbon sequestration on municipal property by way of planting trees or other methods.

Strategy 8: Climate Change Adaptation

Actions to come.

Strategy 9: Engage ~~Community~~ ~~Outreach~~

Community-wide Actions

- Action 1 Create a stand-alone Green Portal, or website, that would serve as the City's ~~city's~~ hub for all things green. The site ~~it~~ would contain a dedicated area for green building, all programs related to the climate action plan, and information about local green jobs and training. The portal will ensure that all residents and businesses have access to information on the City's climate-related initiatives.
- Action 2 Develop and implement a plan that aims to engage residents in the City-wide ~~city-wide~~ effort to reduce emissions. ~~The plan will be designed to reach residents of all ages, races, and classes~~ on how to reduce GHG emissions and will introduce residents to City climate action programs. This plan will incorporate a long-term plan to involve K-12 schools and universities and ~~will~~ utilize the most effective means of engaging the broader community. ~~The plan will likely include an education component that aims to educate children and adults.~~
- Action 3 Develop and implement an outreach plan to engage local businesses in climate-related programs. ~~This program should provide a benefit for both local government and businesses: the City,~~ will ~~among other things,~~ ~~should~~ aim to provide businesses with information on local, state, ~~State~~, and federal ~~Federal~~ programs, and businesses should be given the opportunity to provide input on ways local government could help streamline their efforts to reduce emissions. ~~In developing this plan, the~~

City will explore options for engaging the Chamber of Commerce, [the Keep Hayward Hayward's](#) Clean and Green Taskforce, the Alameda County Green Business Program, and other business councils.

Municipal Actions

- Action 1 Offer a GHG reductions education program in which employees will learn about programs the City already offers or will offer in the future to residents and businesses.
- Action 2 [Show leadership by setting targets to reduce municipal emissions and work diligently to meet targets.](#)
- Action 3 [When awarding contracts, professional service agreements, grants, etc. to businesses or non-profit agencies, the City will request proposals or applications to include information about the sustainability practices of the organization.](#)