



Summary of Climate Action Plan Policies & Programs

Adopted on July 2014 as part of the 2040 General Plan Policy Document

The General Plan contains policies and implementation programs that serve as actions to reduce greenhouse gas emissions. These policies and programs are identified with an earth symbol in the Hayward General Plan.

The overall objectives of these policies and implementation programs are to reduce Hayward's greenhouse gas emissions by:

- 20 percent below 2005 baseline levels by 2020,
- 62.7 percent below 2005 baseline levels by 2040, and
- 82.5 percent below 2005 baseline levels by 2050.

Policies

LU-1.1 Jobs-Housing Balance

The City shall support efforts to improve the jobs-housing balance of Hayward and other communities throughout the region to reduce automobile use, regional and local traffic congestion, and pollution. *[Source: Existing Policy; modified] (IGC/MPSP/RDR/PSR)*

LU-1.5 Transit-Oriented Development

The City shall support high-density transit-oriented development within the city's Priority Development Areas to improve transit ridership and to reduce automobile use, traffic congestion, and greenhouse gas emissions. *[Source: Existing Policy, modified] (MPSP/RDR)*

LU-1.8 Green Building and Landscaping Requirements

The City shall maintain and implement green building and landscaping requirements for private- and public-sector development to:

- Reduce the use of energy, water, and natural resources.
- Minimize the long-term maintenance and utility expenses of infrastructure, buildings, and properties.
- Create healthy indoor environments to promote the health and productivity of residents, workers, and visitors.
- Encourage the use of durable, sustainably-sourced, and/or recycled building materials.
- Reduce landfill waste by promoting practices that reduce, reuse, and recycle solid waste.

[Source: New Policy; City Staff] (RDR)

LU-1.9 Development Standards and Greenhouse Gas Emissions

The City shall explore the use of zoning and development standards that help reduce greenhouse gas emissions when preparing or updating plans and ordinances. *[Source: Climate Action Plan] (RDR/MPSP)*

M-1.6 Bicycling, Walking, and Transit Amenities

The City shall encourage the development of facilities and services, (e.g., secure term bicycle parking, street lights, street furniture and trees, transit stop benches and shelters, and street sweeping of bike lanes) that enable bicycling, walking, and transit use to become more widely used modes of transportation and recreation. *[Source: Existing Policy; modified] (MPSP/CSO)*

M-5.1 Pedestrian Needs

The City shall consider pedestrian needs, including appropriate improvements to crosswalks, signal timing, signage, and curb ramps, in long-range planning and street design. *[Source: Existing Policy; modified] (RDR/MPSP)*

M-5.2 Pedestrian System

The City shall strive to create and maintain a continuous system of connected sidewalks, pedestrian paths, creekside walks, and utility greenways throughout the city that facilitates convenient and safe pedestrian travel, connects neighborhoods and centers, and is free of major impediments and obstacles. *[Source: Existing Policy; modified] (MPSP /CSO)*

M-6.1 Bikeway System

The City shall maintain and implement the Hayward Bicycle Master Plan. *[Source: Existing Policy; modified] (MPSP)*

M-6.2 Encourage Bicycle Use

The City shall encourage bicycle use in all neighborhoods, especially where short trips are most common. *[Source: New Policy, City Staff] (PI)*

M-7.3 Transit Service Expansion

The City shall collaborate with BART and AC Transit to expand short- and long-term opportunities to expand services (e.g., extend rapid bus service from Bayfair to the South Hayward BART Station), pursue a hydrogen fueling station for both buses and personal vehicle use, and improve transit stations by expanding amenities at stations. *[Source: New Policy, Climate Action Plan] (IGC)*

M-7.10 New Facilities

The City shall work with transit providers to incorporate transit facilities into new private development and City project designs including incorporation of transit infrastructure (i.e., electricity, fiber-optic cable, etc.), alignments for transit route extensions, and new station locations. *[Source: New Policy, City Staff] (RDR/MPSP/IGC)*

M-7.11 Shuttle Service

The City shall evaluate the need for shuttle service citywide and support public and private efforts and activities to bridge gaps in existing transit service. *[Source: Existing Policy; modified] (CSO/IGC/JP)*

M-8.1 Increase Vehicle Occupancy

The City shall work with a broad range of agencies (e.g., Metropolitan Transportation Commission, BAAQMD, AC Transit, Caltrans) to encourage and support programs that increase vehicle occupancy including the provision of traveler information, shuttles, preferential parking for carpools/vanpools, transit pass subsidies, and other methods. *[Source: New Policy, City Staff] (MPSP/PI/IGC)*

M-8.2 Citywide TDM Plan

The City shall maintain and implement a citywide Travel Demand Management Program, which provides a menu of strategies and programs for developers and employers to reduce single-occupant vehicle travel in the city. *[Source: Existing Policy; modified] (MPSP)*

M-8.3 Employer-based Strategies

The City shall encourage employers to participate in TDM programs (e.g., guaranteed ride home, subsidized transit passes, carpool and vanpool programs) and to participate in or create Transportation Management Associations to reduce parking needs and vehicular travel. *[Source: Existing Policy; modified] (RDR/MPSP)*

M-8.4 Automobile Commute Trip Reduction

The City shall encourage employers to provide transit subsidies, bicycle facilities, alternative work schedules, ridesharing, telecommuting and work-at-home programs, employee education, and preferential parking for carpools/vanpools. *[Source: New Policy, City Staff] (RDR/MPSP)*

M-8.5 Commuter Benefits Programs

The City shall assist businesses in developing and implementing commuter benefits programs (e.g., offers to provide discounted or subsidized transit passes, emergency ride home programs, participation in commuter rideshare programs, parking cash-out or parking pricing programs, or tax credits for bike commuters). *[Source: New Policy, Climate Action Plan] (JP)*

M-8.6 Car/Bike Sharing Programs

The City shall assist businesses in developing and implementing car and bike sharing programs, and shall encourage large employers (e.g., colleges, Hayward Unified School District (HUSD)) and the BART stations to host car and bike sharing programs available to the public. *[Source: New Policy, Climate Action Plan] (IGC/JP)*

M-8.7 Public-Private Transportation Partnerships

The City shall encourage public-private transportation partnerships (e.g., car sharing companies) to establish programs and operations within the city to reduce single-occupant vehicle use. *[Source: New Policy, City Staff] (IGC/JP)*

M-8.8 Regional TDM Program

The City shall implement the Alameda County Transportation Commission Travel Demand Management Element of the Congestion Management Program, which includes a checklist covering specific TDM strategies that the city could employ as part of its own TDM plan (e.g., preferential parking, car/van pools, casual car pools, subsidized transit passes). *[Source: Existing Policy; modified] (RDR/MPSP)*

M-8.9 City Facility Locations

When making decisions about where to rent or build new City facilities, the City shall give preference to locations that are accessible to an existing public transit line or ensure that public transit links (e.g. bus lines) are extended to the new locations. *[Source: New Policy, Climate Action Plan] (CSO/IGC)*

M-9.4 Parking Management

The City shall continue to coordinate with other public and institutional parking suppliers (e.g., BART, Chabot College, and Cal State University, East Bay) to provide sufficient parking, and to implement parking charges and preferential parking programs (e.g. designated parking spaces for carpool/vanpool, electric vehicle, and carshare closer to building entrances.), and shall work with such agencies to minimize the impacts of their parking policies on adjacent residential streets. *[Source: Existing Policy; modified] (MPSP/IGC)*

M-9.8 Downtown Parking

The City shall maintain and implement a Downtown Parking Management Plan that considers consolidation and expansion of downtown parking with multi-level parking structures and other options to address Downtown parking needs. *[Source: Existing Policy; modified] (MPSP)*

M-9.9 Alternative Fuel Vehicle Parking

The City shall require new private parking lots to grant low-carbon vehicles access to preferred parking spaces, and shall require new private parking lots to provide electric vehicle charging facilities. The City shall provide electric vehicle charging facilities in public parking lots. *[Source: New Policy, Climate Action Plan] (RDR, CSO)*

M-9.10 Unbundled Multifamily Parking

The City shall encourage multifamily development projects to separate (i.e., unbundle) the cost of parking from lease or rent payments. *[Source: New Policy, Climate Action Plan] (RDR)*

M-9.11 Multifamily Charging Stations

The City shall consider requiring electric vehicle charging stations in new multifamily development projects. *[Source: New Policy, Climate Action Plan] (RDR)*

ED-1.19 Local Hiring

The City shall promote local hiring, including youth employment and paid internships, to increase community ownership and resident retention, help achieve a more positive jobs-

housing balance, and reduce regional commuting, gas consumption, and greenhouse gas emissions. *[Source: New Policy. City Staff] (CSO/PI)*

ED-6.11 Expand and Promote the Green Business Program

The City shall coordinate with Alameda County, the Hayward Chamber of Commerce, and local businesses to develop strategies to promote the Alameda County Green Business Program to the Hayward business community. *[Source: New Policy; Climate Action Plan] (IGC, PI)*

CS-5.7 Energy Assurance Plan

The City shall develop, maintain, and implement a citywide Energy Assurance Plan that documents the energy needs of critical City and community facilities and functions, establishes goals and actions to increase energy resiliency during disasters, and prioritizes the use of renewable energy or other sustainable technologies to reduce dependency on the grid during power outages. *[Source: New Policy; City Staff] (CSO/MPSP)*

NR-2.2 New Development

The City shall review proposed development applications to ensure projects incorporate feasible measures that reduce construction and operational emissions for reactive organic gases (ROG), nitrogen oxides (NOX), and particulate matter (PM10 and PM2.5) through project location and design. *[Source: New Policy, City staff] (RDR)*

NR-2.3 Emissions Reduction

The City shall require development projects that exceed Bay Area Air Quality Management District reactive organic gas (ROG), nitrogen oxide (NOX) operational thresholds to incorporate design or operational features that reduce emissions equal to at least 15 percent below the level that would be produced by an unmitigated project. *[Source: New Policy, City staff] (RDR)*

NR-2.4 Community Greenhouse Gas Reduction

The City shall work with the community to reduce community-based GHG emissions by 20 percent below 2005 baseline levels by 2020, and strive to reduce community emissions by 61.7 percent and 82.5 percent by 2040 and 2050, respectively. *[Source: New Policy, City staff] (RDR)*

NR-2.5 Municipal Greenhouse Gas Reduction

The City shall reduce municipal greenhouse gas emissions by 20 percent below 2005 baseline level by 2020, and strive to reduce municipal emissions by 61.7 percent and 82.5 percent by 2040 and 2050, respectively. *[Source: New Policy, City staff] (RDR)*

NR-2.6 Greenhouse Gas Reduction in New Development

The City shall reduce potential greenhouse gas emissions by discouraging new development that is primarily dependent on the private automobile; promoting infill development and/or new development that is compact, mixed use, pedestrian friendly, and transit oriented; promoting energy-efficient building design and site planning; and improving the regional jobs/housing balance ratio.. *[Source: New Policy, City staff] (RDR)*

NR-2.7 Coordination with Bay Area Air Quality Management District

The City shall coordinate with the Bay Area Air Quality Management District to ensure projects incorporate feasible mitigation measures to reduce greenhouse gas emissions and air pollution if not already provided for through project design. *[Source: New Policy, City staff] (RDR/IGC)*

NR-2.8 Reduced Emissions for City Operations and Commutes

The City shall promote reduced idling, trip reduction, routing for efficiency, and the use of public transportation, carpooling, and alternate modes of transportation for operating City departments and City employees. *[Source: New Policy, City staff] (SO, PI)*

NR-2.9 Fleet Operations

The City shall continue to purchase low-emission or zero-emission vehicles for the City's fleet and to use available clean fuel sources such as bio-diesel for trucks and heavy equipment. *[Source: New Policy, City staff] (SO)*

NR-2.10 Zero-Emission and Low-Emission Vehicle Use

The City shall encourage the use of zero-emission vehicles, low-emission vehicles, bicycles and other non-motorized vehicles, and car-sharing programs by requiring sufficient and convenient infrastructure and parking facilities throughout the City. *[Source: New Policy, City staff] (RDR/PI)*

NR-2.11 Zero-Emission and Low-Emission Vehicle Advocacy

The City shall collaborate with regional, State, and Federal entities to promote the use of alternative fuels and increased vehicle fuel efficiency standards, and to advocate for higher fuel-economy standards, or contribute to regional and state marketing and outreach efforts. *[New Policy: Climate Action Plan] (IGC)*

NR-2.12 Preference for Reduced-Emission Equipment

The City shall give preference to contractors using reduced-emission equipment for City construction projects and contracts for services (e.g., garbage collection), as well as businesses that practice sustainable operations. *[Source: New Policy, City staff] (SO/JP)*

NR-4.1 Energy Efficiency Measures

The City shall promote the efficient use of energy in the design, construction, maintenance, and operation of public and private facilities, infrastructure, and equipment. *[Source: New Policy, City staff] (RDR)*

NR-4.2 Energy Efficiency Collaboration

The City shall collaborate with partner agencies, utility providers, and the business community to support a range of energy efficiency, conservation, and waste reduction measures, including the development of green buildings and infrastructure, weatherization programs, installation of energy-efficient appliances and equipment in homes and offices, promotion of energy efficiency retrofit programs, use of green power options, and heightened awareness of the benefits of energy efficiency and conservation issues. *[Source: New Policy, City staff] (RDR/PI/MPSP/JP)*

NR-4.3 Efficient Construction and Development Practices

The City shall encourage construction and building development practices that maximize the use of renewable resources and minimize the use of non-renewable resources throughout the life-cycle of a structure. *[Source: New Policy, City staff] (RDR)*

NR-4.4 Energy Resource Conservation in Public Buildings

The City shall continue to require all public facilities and services to incorporate energy and resource conservation standards and practices. *[Source: New Policy, City staff] (RDR)*

NR-4.5 Energy Efficient Contractors

When soliciting and awarding public contracts, professional service agreements, or grants to businesses or non-profit agencies, the City shall require, as appropriate, proposals or applications to include information about the sustainability practices of the organization. *[New Policy: Climate Action Plan] (RDR)*

NR-4.6 Renewable Energy

The City shall encourage and support the generation, transmission, use, and storage of locally-distributed renewable energy in order to promote energy independence, efficiency, and sustainability. The City shall consider various incentives to encourage the installation of renewable energy projects (i.e. reduced permit fees and permit streamlining). *[Source: New Policy, City staff] (RDR/JP)*

NR-4.7 Renewable Portfolio Standards

The City shall strive to increase the renewable portion of utility electricity generation by advocating for increased state-wide renewable portfolio standards. *[New Policy: Climate Action Plan] (IGC)*

NR-4.8 Community Choice Aggregation

The City shall assess and, if appropriate, pursue participation in community choice aggregation, or other similar programs. The City shall seek partnerships with other jurisdictions to minimize start up and administration costs. (CSO) *[New Policy: Climate Action Plan] (CSO)*

NR-4.9 Renewable Energy Financing Programs

The City shall collaborate with regional agencies and organizations to promote financing programs for renewable energy systems. *[New Policy: Climate Action Plan] (IGC)*

NR-4.10 Public Renewable Energy Generation

The City shall ensure that all new City-owned facilities are built with renewable energy, as appropriate to their functions, and shall install renewable energy systems at existing City facilities where feasible. *[New Policy: Climate Action Plan] (RDR/MPSP)*

NR-4.11 Green Building Standards

The City shall require newly constructed or renovated public and private buildings and structures to meet energy efficiency design and operations standards with the intent of meeting or exceeding the State's zero net energy goals by 2020. *[Source: New Policy, City staff] (RDR/MPSP)*

NR-4.12 Urban Forestry

The City shall encourage the planting of native and diverse tree species to reduce heat island effect, reduce energy consumption, and contribute to carbon mitigation. *[Source: New Policy, City staff] (RDR)*

NR-4.13 Energy Use Data

The City shall consider requiring disclosure of energy use and/or an energy rating for single family homes, multifamily properties, and commercial buildings at certain points or thresholds. The City shall encourage residents to voluntarily share their energy use data and/or ratings with the City as part of collaborative efficiency efforts. *[New Policy: Climate Action Plan] (RDR)*

NR-4.14 Energy Efficiency Retrofits

The City shall collaborate with regional entities and others to promote incentive programs for energy efficiency retrofits such as the Energy Upgrade California program for residential properties. *[New Policy: Climate Action Plan] (IGC/JP)*

NR-4.15 Energy Efficiency Programs

The City shall promote the use of the Energy Star Portfolio Manager program and energy benchmarking training programs for nonresidential building owners. *[New Policy: Climate Action Plan] (PI)*

NR-6.9 Water Conservation

The City shall require water customers to actively conserve water year-round, and especially during drought years. *[Source: New Policy, City staff] (RDR)*

NR-6.10 Water Recycling

The City shall support efforts by the regional water provider to increase water recycling by residents, businesses, non-profits, industries, and developers, including identifying methods for water recycling and rainwater catchment for indoor and landscape uses in new development. *[Source: New Policy, City staff] (IGC)*

NR-6.11 Reclaimed Water Usage

The City shall take an active role in increasing the use of reclaimed water and educating the community about the methods of safe collection and benefits of using reclaimed water. *[Source: Existing Policy, modified] (RDR/PI)*

NR-6.12 Dual Plumbing Systems

The City shall encourage the installation and use of dual plumbing systems in new buildings to recycle greywater. *[Source: Existing Policy, modified] (RDR)*

NR-6.13 Water Recycling Program Advocacy

The City shall coordinate with the East Bay Municipal Utility District and the Hayward Area Recreation and Park District to advance water recycling programs, including using treated wastewater to irrigate parks, golf courses, and roadway landscaping and encouraging rainwater catchment system-wide and greywater usage techniques in new buildings. *[Source: New Policy, City staff] (RDR/IGC)*

EDL-3.3 Sustainable Design

The City shall encourage school districts to incorporate sustainable design practices in the construction and renovation of school facilities to reduce energy and water consumption and related utility expenses. *[Source: New Policy; City Staff] (PI/IGC/RDR)*

EDL-3.9 School Site Criteria

The City shall encourage new schools on sites that are:

- Centrally located within the service area of the school;
- Located near established and/or planned public transit routes;
- Located away from heavy traffic, excessive noise, and incompatible land uses; and
- Accessible to an established and/or planned network of walkways, bicycle paths, or greenways that link the school with surrounding neighborhood.

[Source: New Policy, City Staff] (IGC/RDR)

EDL-6.6 Design Principles

The City shall consider the following principles when designing new library facilities and library renovation projects:

- Libraries should be flexible and provide spaces that can support a variety of uses, such as personal study, group interaction, creative and innovative collaboration, art exhibits, computer research, presentations and lectures, and community events.
- Facility systems should support a technology-rich environment and wireless networking.
- Interior spaces should be zoned by acoustical and activity levels to allow simultaneous use by all types of people.
- The exterior and the interior of the building should be easy to navigate and designed with a sense of openness.
- Libraries should incorporate sustainable design practices to reduce energy and water consumption and related utility expenses.
- Libraries should have high-quality interior spaces and furniture that attract people and encourage them to stay for long periods of time (similar to coffee shops or book stores).

[Source: New Policy; City Staff] (RDR)

HQL-2.3 Education about Walking, Cycling and Using Public Transit

The City shall partner with schools, employers, transit agencies, HARD, and community groups to teach bicycle and pedestrian safety in schools and workplaces and to educate residents and businesses about the health and environmental benefits of walking, bicycling, and using public transit. *[Source: New Policy, City staff] (IGC/JP)*

HQL-8.4 Urban Heat Island Effects

The City shall promote planting shade trees with substantial canopies, and require, where feasible, site design that uses appropriate tree species to shade parking lots, streets, and other facilities to reduce heat island effects. *[Source: New Policy, City staff] (RDR/PI)*

HQL-9.6 Energy Resiliency

The City shall continue to encourage residents and businesses to use less gasoline for transportation, and improve energy efficiency in and renewable energy generation from buildings and industry processes to reduce impacts from rising oil and energy prices. *[Source: New Policy, City staff] (RDR/MPSP)*

HQL-9.7 Climate Adaptation Planning

The City shall examine the potential long-term impacts of climate change on social, economic, and environmental well-being of the city of Hayward. *[Source: New Policy, City staff] (MPSP)*

HQL-9.8 Climate Adaptation in Plans

The City shall address climate adaptation in all disaster preparedness and emergency response plans. *[Source: New Policy, City staff] (MPSP)*

HQL-9.9 Reduce Impacts of Climate Change on Vulnerable Populations

The City shall support plans, standards, regulation, incentives, and investments to reduce the impacts of climate change on those populations most vulnerable to the impacts of climate change. *[Source: New Policy, City staff] (MPSP)*

PFS- 1.7 Adaptive Infrastructure

The City shall monitor expected impacts of climate change on the city's infrastructure and services and make appropriate adaptive facility and service modifications and upgrades. *[Source: New Policy, City Staff] (MPSP/CSO)*

PFS-2.3 Sustainable Practices

The City shall serve as a role model to businesses and institutions regarding purchasing decisions that minimize the generation of waste, recycling programs that reduce waste, energy efficiency and conservation practices that reduce water, electricity and natural gas use, and fleet operations that reduce gasoline consumption. *[Source: New Policy; Climate Action Plan] (CSO)*

PFS-2.4 Sustainable Contracting

When awarding contracts, professional service agreements, or grants to businesses or non-profit agencies, the City shall request proposals or applications to include information about the sustainability practices of the organization. *[Source: New Policy; Climate Action Plan] (CSO)*

PFS-2.5 Alternative Fuels

The City shall, wherever possible, require the use of alternative fuels in new services provided by City franchisees. *[Source: New Policy; Climate Action Plan] (CSO)*

PFS-2.6 City Facilities Near Transit

When making decisions about where to rent or build new City facilities, the City shall give preference to locations that are accessible to an existing public transit line or ensure that public transit links (e.g. bus lines) are extended to the new locations. *[Source: New Policy; Climate Action Plan] (CSO)*

PFS-2.7 Energy Efficient Buildings and Infrastructure

The City shall continue to improve energy efficiency of City buildings and infrastructure through implementation of the Municipal Green Building Ordinance, efficiency improvements, equipment upgrades, and installation of clean, renewable energy systems. *[Source: New Policy; Climate Action Plan] (CSO)*

PFS-3.2 Urban Water Management Plan

The City shall maintain and implement the Urban Water Management Plan, including water conservation strategies and programs, as required by the Urban Water Management Planning Act. *[Source: New Policy, City Staff; Climate Action Plan] (MPSP, PI)*

PFS-3.15 Water Conservation Programs

The City shall implement cost effective conservation strategies and programs that increase water use efficiency, including providing incentives for adoption of water efficiency measures. Water conservation strategies may include a combination of financial incentives, legislative actions, and public education. *[Source: New Policy, City Staff; Climate Action Plan] (RDR/MPSP/CSO)*

PFS-3.16 Recycled Water

The City shall increase use of recycled water where appropriate, cost effective, safe, and environmentally sustainable. The City shall work with regional partners to encourage expansion of recycled water infrastructure. *[Source: New Policy, City Staff; Climate Action Plan] (PSR, IGC)*

PFS-3.17 Bay-Friendly Landscaping

The City shall promote landscaping techniques that use native and climate appropriate plants, sustainable design and maintenance, water-efficient irrigation systems, and yard clipping reduction practices. *[Source: New Policy, City Staff] (RDR/PI)*

PFS-4.12 Renewal Energy

The City shall support efforts to develop, enhance, and maintain clean, green and renewable energy systems at the Water Pollution Control Facility, including:

- Solar photovoltaic and solar hot water; and
- Methane recovery systems and digester gas combustion systems.

[Source: New Policy, City Staff] (IGC)

PFS-5.4 Green Stormwater Infrastructure

The City shall encourage “green infrastructure” design and Low Impact Development (LID) techniques for stormwater facilities (i.e., using vegetation and soil to manage stormwater) to achieve multiple benefits (e.g., preserving and creating open space, improving runoff water quality). *[Source: New Policy, City Staff] (RDR)*

PFS-5.9 Rainwater Harvesting

The City shall encourage the use of rainwater harvesting facilities, techniques, and improvements where appropriate, cost effective, safe, and environmentally sustainable.

[Source: New Policy, City Staff] (RDR/MPSP)

PFS-7.4 Solid Waste Diversion

The City shall comply with State goals regarding diversion from landfill, and strive to comply with the provisions approved by the Alameda County Waste Management Authority. *[Source: New Policy, City Staff] (MPSP)*

PFS-7.5 Municipal Waste Reduction

The City shall reduce municipal waste generation by continuing to employ a wide range of innovative techniques, including electronic communications to reduce paper usage and buying products with less packaging and in bulk, where feasible. *[Source: New Policy, City Staff] (CSO)*

PFS-7.6 Municipal Reuse

The City shall reduce municipal waste disposed by continuing to reuse equipment to prolong their useful life. *[Source: New Policy, City Staff] (CSO)*

PFS-7.7 Municipal Collection of Recyclables and Organics

The City shall continue to require its franchisee to arrange for regular collection of recyclables and organics from all municipal facilities. *[Source: New Policy, City Staff] (CSO)*

PFS-7.8 Recycling Collection at City Facilities and Parks

The City shall continue to require its franchisee to provide outdoor recycling collection containers at, and services to, all City parks and related facilities. *[Source: New Policy, City Staff] (CSO)*

PFS-7.9 City Contracts

The City shall continue to implement the Environmentally Friendly Preferred Purchasing Program by requiring City contractors to use best management practices (e.g., waste

prevention, salvage and reuse, recycling and reusing) to maximize diversion of waste from landfills. *[Source: New Policy, City Staff; Climate Action Plan] (CSO)*

PFS-7.10 Recycled Products or Processes for Capital Projects

The City shall implement the use of recycled products or recycling processes whenever possible as part of any capital project. *[Source: New Policy, City Staff] (CSO)*

PFS-7.11 Disposable, Toxic, or Non-Renewable Products

The City shall reduce the use of disposable, toxic, or nonrenewable products in City operations. *[Source: New Policy, City Staff] (CSO)*

PFS-7.12 Construction and Demolition Waste Recycling

The City shall require demolition, remodeling and major new development projects to salvage or recycle asphalt and concrete and all other non-hazardous construction and demolition materials to the maximum extent practicable. *[Source: New Policy, City Staff] (RDR)*

PFS-7.13 Residential Recycling

The City shall encourage increased participation in residential recycling programs, and strive to comply with the recycling provisions approved by the Alameda County Waste Management Authority Board. The City shall work with StopWaste.org to monitor participation in residential recycling programs and educate the community regarding actual composition of waste sent to landfills. *[Source: New Policy, City Staff; Climate Action Plan] (MPSP)*

PFS-7.14 Commercial Recycling

The City shall encourage increased participation in commercial and industrial recycling programs, and strive to comply with the recycling provisions approved by the Alameda County Waste Management Authority Board. The City shall work with StopWaste.org to provide technical assistance to businesses to implement mandatory recycling. *[Source: New Policy, City Staff, Climate Action Plan] (MPSP, PI)*

PFS-7.15 Yard Clippings Reduction

The City shall encourage residents to reduce yard clippings through at-home composting or use the green waste collection service provided by the City's franchisee. *[Source: New Policy, City Staff] (MPSP)*

PFS-7.16 Organics Collection

The City shall encourage residents and businesses to separate for collection food and food-soiled paper using organics collection services provided by the City's franchisee. *[Source: New Policy, City Staff] (MPSP)*

PFS-7.17 Waste-to-Energy Generation Systems

The City shall advocate for waste management strategies that aim to maximize the value of solid waste by using waste-to-energy generation systems. *[Source: New Policy; Climate Action Plan] (IGC/JP)*

PFS-7.18 E-Waste Disposal

The City shall encourage residents and businesses to properly dispose of their e-waste at permitted facilities. *[Source: New Policy, City Staff] (MPSP)*

PFS-7.20 Food Scraps Collection

The City shall promote and expand the food scraps collection program for single-family homes to minimize organic waste in landfills. *[Source: New Policy, Climate Action Plan] (CSO)*

PFS-7.21 Mandatory Recycling

The City shall implement mandatory recycling for commercial and multifamily uses and work with StopWaste.org to increase participation in this program. *[Source: New Policy, Climate Action Plan] (CSO)*

PFS-7.22 Maximize Solid Waste Value

The City shall advocate for waste management strategies that maximize the useful value of solid waste, such as using landfill gas to generate electricity. *[Source: New Policy, Climate Action Plan] (IGC)*

PFS-7.23 Consumption Reduction

The City shall educate the community about the benefits of reducing overall consumption. *[Source: New Policy, Climate Action Plan] (PI)*

PFS-8.8 Renewable Energy Integration

The City shall encourage energy providers (e.g., PG&E) to offer their support and assistance in integrating individual renewable energy systems (e.g., solar systems) into the electricity grid. *[Source: New Policy, City Staff] (RDR/PI)*

Implementation Programs

See page 20 for Implementation Timeline

LU 1. Comprehensive Zoning Ordinance Update. The City shall prepare a comprehensive update to the Hayward Zoning Ordinance to ensure that the City's zoning regulations align with the guiding principles, goals, and policies of the General Plan.

[Source: New Program; City Staff] (RDR)

M 9. Improved Traffic Flow Program. The City shall work with Metropolitan Transportation Commission and the Alameda County Transportation Commission to plan and obtain funding for projects that improve traffic flow on arterials and reduce vehicle idling *[Source: New Program, Climate Action Plan] (MPSP/IGC)*

M 11. Pedestrian Master Plan. The City shall develop, adopt, and implement a Pedestrian Master Plan that includes a planned sidewalk system, pedestrian design standards, and

implementation program. As part of the preparation of the Pedestrian Master Plan, the City shall review and incorporate (as appropriate) planned improvements and programs identified in the Alameda Countywide Pedestrian Plan that connect Hayward's existing and planned pedestrian facilities to regional walking and bicycle facilities. The Pedestrian Master Plan shall include a Safe Routes to Schools Plan, an ADA Transition Plan, and strategies to improve pedestrian connections to parks, transit, and neighborhood commercial, and service uses. *[Source: Climate Action Plan, City Staff] (MPSP)*

M 12. Shuttle Service Study. The City shall conduct a study to evaluate the feasibility of establishing shuttle services to address any unmet transit needs, to fill in gaps in service that are not being met by other transit providers, and to improve transit connections between major transit stations and employment centers. Based on findings from the study, the City shall prepare and submit recommendations to the City Council relative to the options for establishing such services in the city. *[Source: New Program, Climate Action Plan] (PSR)*

M 16. Citywide TDM Plan. The City shall develop and adopt a citywide Transportation Demand Management (TDM) Plan, which could include strategies to reduce peak-hour traffic, such as staggered work hours, flexible schedule options, and telecommuting from home offices. *[Source: Climate Action Plan, City Staff] (MPSP)*

M 17. City Employee Car/Bike Share Programs. The City shall conduct a study that explores the development of car-sharing and/or bike sharing programs for City employees. Based on findings from the study, the City shall prepare and submit recommendations to the City Council about establishing such programs. *[Source: New Program, Climate Action Plan] (MPSP/PSR)*

M 18. City Commuter Benefits. The City shall continue to offer commuter benefits, such as Tran Ben or Commuter Checks to City employees, and when possible, expand or develop other commuter benefits programs, such as parking cash-out or parking pricing programs, or taking advantage of the new tax credit for biking to work. *[Source: New Program, Climate Action Plan] (CSO)*

M 19. TDM Amendments. The City shall amend Administrative Rule 2.26 to reflect current transportation demand management opportunities. *[Source: New Program, Climate Action Plan] (RDR)*

M 20. Off-Street Parking Regulations Comprehensive Update. The City shall amend the Off-Street Parking Regulations of the Municipal Code to incorporate smart growth principles and to incentivize walking, biking, and public transit. The update shall consider the following changes:

- Creating a single "blended" parking requirement for commercial uses to facilitate future changes of use (i.e. changing a retail store to a restaurant);
- Providing requirements or incentives for bicycle parking;
- Allowing on-street parking along the property's frontage to count towards satisfying a portion of the property's off-street parking requirements;
- Setting parking maximums to limit the amount of parking that can be built on a site;

- Creating parking preferences or incentives for residents who rideshare or use low- or zero-emissions vehicles; and
- Allowing property owners to develop and implement parking demand management plans that consider ways to reduce the need for off-street parking by using shared parking arrangements, valet parking services, paid parking, and other appropriate techniques.

[Source: New Program, Climate Action Plan] (RDR)

M 21. Downtown Parking Management Plan. The City shall prepare and implement a Downtown Parking Management Plan. The preparation of the plan shall consider the following:

- Adopting parking requirements that are appropriate for a mixed-use, walkable, and transit-oriented district;
- Creating a single “blended” parking requirement to facilitate future changes of use (i.e. changing a retail store to a restaurant or office space to residential);
- Establishing flexible parking requirements to allow innovative parking solutions to efficiently meet parking needs, including shared parking, valet parking, and the implementation of parking demand management strategies;
- Providing dedicated parking spaces for car-sharing programs and low- or zero-emissions vehicles;
- Establishing incentives to encourage car-sharing programs (e.g., receiving credit for meeting the minimum “parking minimum” if a car share program is included with the project);
- Establishing paid parking with market pricing strategies for public parking (on- and off-street);
- Installing state-of-the-art parking meters that allow users to locate, reserve, and pay for parking with smart phone and mobile device applications;
- Adopting policies to use parking revenues to fund Downtown improvements and enhancements; and
- Establishing bicycle parking requirements and incentives.

The Parking Management Plan may be prepared in conjunction with the Downtown Specific Plan (see Implementation Program 7 of Table LU-1). *[Source: New Program, City Staff] (MPSP)*

M 22. Truck Routes Study. The City shall conduct a study of the Surface Transportation Assistance Act (STAA) truck routes and local truck routes (i.e. Hayward Traffic Code Section 6.11) to evaluate and confirm the optimal network for truck traffic through and within the city. Based on findings from the study, the City shall prepare and submit recommendations to the City Council on an appropriate system of truck routes. *[Source: New Program, City Staff] (PSR)*

ED 3. Energy and Sustainability Businesses Program. The City shall coordinate with the Chamber of Commerce and the East Bay Economic Development Alliance to develop a program that supports and attracts businesses in the renewable and energy-efficiency sector to Hayward. *[Source: Climate Action Plan] (MPSP/JP/IGC)*

ED 7. Local Hire Incentives. The City shall develop a package of business incentives (e.g., reduced business license fees) to encourage Hayward businesses to hire local residents. *[Source: New Program; GPUTF, PC/CC] (MPSP/RDR)*

CS 13. Energy Assurance Plan. The City shall develop and implement an Energy Assurance Plan to ensure that critical facilities have access to power during emergencies and power outages. *[Source: New Program; City Staff] (MPSP)*

NR 3. Recycled Water Program. The City shall construct facilities to deliver recycled water to customers near the Water Pollution Control Facility. *[Source: New Program, City staff] (MPSP)*

NR 4. Water Conservation Standards. The City shall develop and adopt Water Conservation Standards within the Municipal Code for households, businesses, industries, and public infrastructure. *[Source: New Program, City staff] (RDR)*

NR 5. Residential Energy Performance Assessment and Disclosure Ordinance. Not sooner than 2017, the City shall consider adopting a Residential Energy Performance Assessment and Disclosure (EPAD-R) Ordinance for detached single-family homes and multi-family homes. The EPAD-R Ordinance may include the following:

- energy performance disclosures at certain points or thresholds
- use of a free online tool such as the Environmental Protection Agency's *Home Energy Yardstick* for self-assessment, which takes into account the size of the home and number of occupants
- alternatively, use of a low-cost assessment tool such as the Department of Energy's *Home Energy Score*
- flexible exemption provisions including:
 - the age of the building,
 - foreclosures or short sales,
 - recent energy efficiency upgrades,
 - an owner providing 12 consecutive monthly utility bills from the previous two years

[Source: New Program; Climate Action Plan] (RDR)

NR 6. Commercial Energy Performance Assessment and Disclosure Ordinance. The City shall consider adopting a Commercial Energy Performance Assessment and Disclosure (EPAD-C) Ordinance for commercial buildings. The EPAD-C Ordinance may include the following:

- Energy use disclosure requirements consistent with State law (AB 1103), which requires use of the ENERGY STAR *Portfolio Manager* benchmarking tool.
- Exemption provisions consistent with AB 1103, which include:
 - the size of the building
 - the occupancy type of the building

[Source: New Program; Climate Action Plan] (RDR)

NR 7. Energy Reduction Initiative and Annual Report. The City shall develop and implement a public information and education campaign to encourage every household and every business to reduce their energy consumption by 10 percent by 2020. The City shall evaluate and report to the City Council annually on the community's progress in achieving the ten percent goal, and recommend additional efforts as necessary to ensure the goal is met. *[Source: New Program, Climate Action Plan] (MPSP/PSR/PI)*

NR 8. Home Energy Monitors and Annual Report. The City shall develop a program to encourage the installation of Home Energy Monitors in existing homes. The City shall evaluate and report to the City Council annually on the community's participation in the program, and any additional reductions in energy use that result from implementation of the program. *[Source: New Program, Climate Action Plan] (MPSP/PSR)*

NR 9. Financing Program for Residential Energy Efficiency Retrofits. The City shall work with regional agencies and organizations to develop a residential energy efficiency retrofit financing program for single-family and multi-family homes. *[Source: New Program, Climate Action Plan] (MPSP/FB)*

NR 10. Financing Program for Commercial Energy Efficiency Retrofits. The City shall work with regional agencies and organizations to develop a commercial energy efficiency retrofit financing program for commercial and industrial properties. *[Source: New Program, Climate Action Plan] (MPSP/FB)*

NR 11. City Building Audits and Reports. The City shall conduct an energy efficiency audit of City-owned buildings every five years to identify opportunities for efficiency improvements from both operations and equipment upgrades. The City shall prepare and submit a report to the City Council that summarizes the results of the audit and makes recommendations for improvements that will improve energy efficiency. *[Source: New Program, Climate Action Plan] (PSR)*

NR 12. Financing Program for the Installation of Residential Renewable Energy Systems. The City shall work with regional agencies and organizations to develop a financing program for the installation of renewable energy systems on single-family and multi-family residential buildings and mobile homes. *[Source: New Program, Climate Action Plan] (FB/IGC/MPSP)*

NR 13. Financing Program for the Installation of Commercial Renewable Energy Systems. The City shall work with regional agencies and organizations to develop a financing program for the installation of renewable energy systems on commercial and industrial properties. *[Source: New Program, Climate Action Plan] (FB/IGC/MPSP)*

NR 14. Renewable Energy Generation Potential. The City shall conduct a city-wide study to estimate the total potential for renewable energy generation on City facilities and the estimated costs and benefits of developing that potential. Based on findings from the study, the

City shall develop a plan to develop cost effective renewable energy projects. *[Source: New Program, Climate Action Plan] (PSR)*

NR 15. Carbon Management Activities Program. The City shall develop and implement a program to track carbon sequestration activities on private and public lands, such as planting trees or managing wetlands. *[Source: New Program, Climate Action Plan] (MPSP)*

NR 16. Green Portal. The City shall develop and maintain a stand-alone Green Portal, or website, that serves as the City's hub for all things green. *[Source: New Program, Climate Action Plan] (PI)*

NR 17. Business Engagement in Climate Programs. The City shall engage local businesses and business organizations (e.g., Chamber of Commerce, the Keep Hayward Clean and Green Taskforce, the Alameda County Green Business Program) in climate-related programs. *[Source: New Program, Climate Action Plan] (IGC/JP/PI/MPSP)*

NR 18. Environmental Education Programs. The City shall coordinate with Alameda County, Pacific Gas & Electric Company, non-profit organizations, and other agencies and businesses to develop and implement an Environmental Education Program. *[Source: New Program, Climate Action Plan] (IGC/PI/MPSP)*

HQL 5. Urban Forest Management Plan. The City shall develop and adopt an Urban Forest Management Plan. *[Source: New Program, City Staff] (MPSP)*

HQL 6. Climate Change Vulnerability Assessment Strategy and Annual Report. The City shall prepare a climate change vulnerability assessment strategy to evaluate the cities susceptibility to climate change impacts and identify tools and strategies to mitigate impacts and create a more resilient city. The City shall submit an annual report to the City Council on implementation of the strategy. *[Source: New Program, City Staff] (MPSP)*

PFS 2. Water Conservation Programs. The City shall regularly develop cost effective conservation programs that decrease water use. *[Source: New Program, City staff] (MPSP)*

PFS 5. Construction and Demolition Debris Recycling Ordinance. The City shall revise the Construction and Demolition Debris Recycling Ordinance to be consistent with the processing capabilities Alameda County transfer stations and waste facilities. *[Source: New Program, Climate Action Plan] (RDR)*

PFS 6. Rainwater Harvesting and Greywater Systems. The City shall study the feasibility of amending the City's building and development codes to encourage rainwater harvesting and greywater systems. Based on findings from the study, the City shall prepare and submit recommendations to the City Council to amend the building and development codes as necessary, *[Source: New Program, Climate Action Plan] (PSR)*

Implementation Timeline		2014-2016	2017-2019	2020-2040	Annual	Ongoing
M 18	City Commuter Benefits					X
PFS 2	Water Conservation Programs					X
NR 17	Business Engagement in Climate Programs				X	
LU 1	Comprehensive Zoning Ordinance Update	X				
ED 7	Local Hire Incentives	X				
NR 7	Energy Reduction Initiative and Annual Report	X			X	
NR 16	Green Portal	X				X
NR 5	Residential Energy Performance Assessment and Disclosure Ordinance		X	X		
NR 6	Commercial Energy Performance Assessment and Disclosure Ordinance		X	X		
M 9	Improved Traffic Flow Program		X			
M 11	Pedestrian Master Plan		X			
M 12	Shuttle Service Study		X			
M 16	Citywide TDM Plan		X			
M 19	TDM Amendments		X			
M 20	Off-Street Parking Regulations Comprehensive Update		X			
M 12	Downtown Parking Management Plan		X			
ED 3	Energy and Sustainability Businesses Program		X			
NR 4	Water Conservation Standards		X			
NR 8	Home Energy Monitors and Annual Report		X		X	
NR 9	Financing Program for Residential Energy Efficiency Retrofits		X			X
NR 10	Financing Program for Commercial Energy Efficiency Retrofits		X			X
NR 12	Financing Program for the Installation of Residential Renewable Energy Systems		X			X
NR 13	Financing Program for the Installation of Commercial Renewable Energy Systems		X			X
NR 14	Renewable Energy Generation Potential		X			
NR 15	Carbon Management Activities Program		X			X
NR 18	Environmental Education Programs		X			
HQL 5	Urban Forest Management Plan		X			
PFS 5	Construction and Demolition Debris Recycling Ordinance		X			
PFS 6	Rainwater Harvesting and Greywater Systems		x			
M 17	City Employee Car/Bike Share Programs			X		
M 22	Truck Routes Study			X		
CS 13	Energy Assurance Plan			X		
NR 3	Recycled Water Program			X		
NR 11	City Building Audits and Reports			X		
HQL 6	Climate Change Vulnerability Assessment Strategy and Annual Report			x	X	