

2005 Pleasanton Plan 2025

Appendix A: Greenhouse Gas Reduction Measures

Appendix A: Greenhouse Gas Reduction Measures in the Pleasanton General Plan

See the body of the General Plan for the full text of these goals, policies, and programs.

2. Land Use Element

Policy 1	Energy efficiency in land use planning.	Policy 3	Energy use and environment important for development.
Program 1.1	Assess community sustainability.	Program 3.1	Establish advisory committee for energy & environment.
Program 1.2	Review how development impacts energy use.	Policy 9	Infill housing near existing housing & transportation hubs.
Program 1.3	Review projects for transportation energy-efficiency.	Program 9.1	Zone infill sites at densities to encourage development.
Program 1.4	Use software to evaluate energy efficiency.	Policy 12	Preserve downtown, improve retail and residences.
Program 1.5	Support more local-serving shopping opportunities.	Program 12.3	Implement mixed-use development downtown.
Program 1.6	Encourage local employers to hire locally.	Program 12.4	Housing above commercial and live-work in Downtown.
Program 1.7	Encourage people who work in Pleasanton to live here.	Policy 14	Adequate neighborhood commercial for each area.
Policy 2:	Land-use/transportation planning; more travel alternatives.	Program 14.1	Locate commercial centers with access to neighborhoods.
Program 2.1	Locate work, residences, and services close together.	Program 14.2	Large employers and business parks to provide childcare.
Program 2.2	Reuse vacant and underutilized parcels in urban areas.	Policy 16	Encourage mixed-uses near transit and with high densities.
Program 2.3	Require transit-compatible projects near activity centers.	Policy 18	Well-planned mixture of land uses around BART.
Program 2.4	Require high density development near transportation hubs.	Program 18.1	Hacienda PUD Amendment with mixed use near BART.
Program 2.5	New employment served by alternative transportation.	Program 18.1	Provide flexibility for BART & other areas with mixed use.
Program 2.6	Require design features to encourage alternative transportation.	Policy 22	Urban growth boundary.
Program 2.7	Encourage neighborhood telecommuting centers.	Program 22.1	Only non-urban uses beyond Urban Growth Boundary.
Program 2.8	Require development compatible w/alternative transportation.	Program 22.2	Urban services only within the Urban Growth Boundary.

3. Circulation Element

Program 7.3	Complete streets with pedestrians, bicycles, cars, and transit.	Program 18.3	More direct connection of BART with ACE rail service.
Program 8.4	Provide bike lanes on arterials and collectors.	Policy 19	Continue/expand Altamont Commuter Express (ACE) trains.
Program 10.4	Study locations for more park and ride lots.	Program 19.1	Work with San Joaquin Rail to improve ACE train service.
Goal 4	Multi-modal system with alternatives to single-person vehicle.	Program 19.3	Support high-speed rail spur connecting to BART & ACE.
Policy 13	Phase transit improvements to meet the demand.	Policy 20	Support paratransit services to elderly and disabled residents.
Policy 14	Coordinate Tri-Valley transit for seamless transportation.	Program 20.1	Fund the City’s Dial-A-Bus program.
Program 14.1	Work with transit agencies to meet transit needs.	Policy 21	Support use of alternative fuel vehicles.
Program 14.2	Monitor rail plans and consider impacts/benefits for the City.	Program 21.1	Encourage infrastructure for & use of alternative fuel vehicles.
Program 14.3	Encourage car-sharing service at BART to serve residents.	Policy 22	Safe, convenient, and effective bicycle system to increase use.
Policy 15	Reduce total number of daily traffic trips in the city.	Program 22.1	Implement the <i>Community Trails Master Plan</i> .
Program 15.1	Promote transit, ridesharing, bicycling, and walking.	Program 22.2	Adopt citywide pedestrian and bicycle master plan.
Program 15.2	Incentives to City employees who use commute alternatives.	Program 22.3	Integrate bicycle lanes or bikeways into streets projects.
Program 15.3	Transportation opportunities w/ transit-oriented land uses.	Program 22.4	Include pedestrian, bicycle, transit access in new development.
Program 15.4	Pursue funding sources for alternative transportation.	Program 22.5	Encourage bicycle-related improvements w/ new development.
Program 15.5	Encourage mass transit in the Tri-Valley.	Program 22.6	Maintain bicycle routes with sweeping and pavement repairs.
Program 15.6	Encourage use of fuel-efficient buses within the city.	Program 22.7	Incorporate bicycle detection at signalized intersections.
Policy 16	Reduce percentage of daily traffic trips during peak hours.	Program 22.8	Encourage schools to provide safe, convenient bike racks.
Program 16.1	Promote flextime and other measures.	Program 22.9	Work with park district to complete Iron Horse Trail in city.
Program 16.2	Encourage employers to allow employees to telecommute.	Program 22.10	Downtown Transportation Corridor for walking, bikes, parking.
Policy 17	Expand operations: Livermore Amador Valley Transit Authority.	Program 22.11	Consider creating self-service bicycle-sharing program.
Program 17.1	City representatives on local transit authority (LAVTA) board.	Policy 23	Create/maintain safe, convenient pedestrian system for walking.
Program 17.2	Work with LAVTA to adjust schedules, routes as needed.	Program 23.1	Developers finance/install sidewalks, pedestrian/bicycle ways.
Program 17.3	Encourage Wheels buses to synchronize with BART.	Program 23.2	Develop pedestrian trail system connecting all of Planning Area.
Program 17.4	Wheels to provide incentive for more school usage.	Program 23.3	Complete regional trails & arroyo management plan.
Program 17.5	Support the Rapid bus program.	Program 23.4	Review factors to improve walkability and pedestrian safety.
Policy 18	Encourage BART extension to Livermore and beyond.	Program 23.5	Educate residents about bike/pedestrian safety. Enforce laws.
Program 18.1	Developers to reserve land for future BART facilities.	Policy 24	Cooperate with School District to reduce auto traffic to schools.
Program 18.2	Encourage CalTrans to preserve I-580 median for BART.	Program 24.1	Work w/ School District to continue Rides to School program.

6. Public Facilities Element

Program 10.8	Locate parks within ½ mile of the residential area they serve.	Program 26.3	Develop curbside recycling program.
Program 10.22	Connect parks/recreation with trails, bike routes, walkways.	Program 26.4	Incentives for recycled materials in construction/manufacturing.
Policy 21	Promote healthy community with facilities, community design.	Program 26.5	Adopt construction and demolition debris recycling ordinance
Program 21.2:	Encourage pedestrian and bike-friendly development.	Program 26.6	Incentives for using recycled materials in homes, businesses.
Program 22.2	Developers to include child-care facilities/programs.	Program 26.7	Business & multifamily residents to consider recycling.
Program 22.3	Site before/after school programs & childcare in/near schools.	Program 26.8	Promote and provide incentives for reducing curbside waste.
Program 23.3	Establish elderly care facilities near senior services/facilities.	Program 26.9	Use waste management reclamation methods.
Goal 10	Reduce & divert waste, including countywide 75% reduction.	Program 26.10	Continue to support the green waste composting program.
Policy 25	Model source reduction, waste diversion, recycled products.	Program 26.11	Continue to support food-scrap composting, if cost effective.
Program 25.1:	City to implement source reduction/waste diversion programs.	Program 26.12	Develop a household hazardous waste information program.
Program 25.2	City give preferences to recycled/environmental products.	Program 26.13	Accessible recycling containers downtown, at events, in parks.
Policy 26	Support County Waste Management Plan & Recycling Plan.	Program 26.14	Partner with School District and <i>Go Green Initiative</i> .
Program 26.1	Continue recycling material at solid waste transfer station.	Program 26.15	Provide information, opportunities for e-waste collection.
Program 26.2	Recycle marketable material through City’s recycling program.	Program 26.18	Residential and non-residential Project Waste Diversion Plans.

7. Conservation and Open Space Element

Goal 1	Practice sustainability to preserve natural resources, open space.	Program 9.2	Public-access dedication for trails in private open space.
Program 1.7	Minimize active recreation within natural habitat areas.	Program 9.3	Work with agencies to develop trails linking open-space.
Program 1.8	Facilities to minimize intrusion, limit access in sensitive areas.	Program 9.4	Implement the <i>2002 Community Trails Master Plan Update</i> .
Program 1.9	Plant native species to provide wildlife habitat.	Program 9.5	Retain all publicly-owned corridors for open space & trail use.
Policy 2	Preserve heritage trees throughout the Planning Area.	Program 9.6	Provide trails for hikers, walkers, joggers, cyclists, equestrians.
Program 2.1	Preserve heritage trees or replace trees or contribute to fund.	Program 9.7	Develop and maintain recreation and open-space trails.
Program 2.2	New development to follow the City’s <i>Heritage Tree Ordinance</i> .	Program 9.10	Support connecting Niles Canyon Trail to other regional trails.
Policy 7	Preserve and expand open-space opportunities.	Program 9.12	Support <i>Zone 7’s Stream Management Master Plan</i> public trails.
Program 7.1	Support expanding regional park district’s Ridge Park.	Policy 10	Improve public’s knowledge of trails and its ability to use trails.
Program 7.2	Retain Pleasanton Ridge as permanent open-space lands.	Program 10.1	Increase public access signage for parks and open-space areas.
Goal 7	Promote expansion and maintenance of a trail system	Program 10.3	Public restrooms, fountains, benches, trash cans at trailheads
Policy 9	Develop pedestrian, bike, and equestrian trails in open-space.	Program 11.10	Support farmer’s market. Provide public services/restrooms.

8. Water Element

Program 1.6	Investigate runoff for irrigation and groundwater recharge.	Program 3.8	Investigate reclaimed wastewater treatment/disposal.
Program 1.7	Water conservation devices in new construction and additions.	Program 3.12	Conserve Pleasanton’s urban forest.
Program 1.8	Zone 7’s citywide rebates for water-saving fixtures/appliances.	Program 4.5	Utilize water reclamation when feasible, safe, nonpolluting.
Program 1.9	Demonstrate low water-use at community garden/facilities.	Program 4.13	Work with Zone 7 on water conservation for the long term.
Program 1.10	Water conservation at new/reconstructed public facilities.	Policy 6	Cost- & energy-efficient sewage collection, treatment, export.
Program 1.11	Retrofit public facilities with water conserving measures.	Program 6.1	Utilize wastewater reuse. Identify locations for reuse.
Program 1.12	List native and drought tolerant plants and distribute to public.	Policy 7	Cost-effective, environment sensitive Tri-Valley wastewater reuse.
Program 1.13	Drought-tolerant plants to reduce water demand and runoff.	Program 7.1	Cost-effective, environmentally sensitive wastewater reuse.
Program 1.14	Education about water conservation in home and landscaping.		

9. Air Quality and Climate Change

Goal 1	Use available technology to maintain and improve air quality.	Program 6.3	Before Climate Action Plan apply Best Management Practices.
Goal 2	Promote sustainable development and planning.	Policy 7	City to implement technology-based air-pollutant-reduction.
Policy 1	Adhere to federal and State air quality standards.	Program 7.1	Adopt a City “Green Fleet” policy for vehicle purchases.
Program 1.1	Measures reducing grading, construction, operations air impacts.	Program 7.2	Maintain City vehicle fleet for as-designed vehicle operation.
Program 1.2	Support legislation that promotes air quality improvements.	Program 7.3	Continue and increase police bicycle patrols.
Policy 2	Support development that reduces vehicle trips/miles traveled.	Program 7.4	Consider replacing equipment with least polluting available.
Policy 4	Reduce air pollution from vehicle trips and miles traveled.	Program 7.6	Large vehicles to restrict engine idling to fewer than 5 minutes.
Program 4.1	Standards for new drive-through businesses.	Policy 9	Encourage citizens and business to reduce air pollution.
Policy 5	Review projects for their impacts on air quality conditions.	Program 9.1	Air-quality information on the City’s website, including links.
Program 5.2	Projects with many air pollutants to incorporate mitigations.	Program 9.2	Air quality public awareness to minimize air pollution.
Program 5.3	Regulate burning indoors and outdoors.	Program 9.3	Incentives for the public to help reduce air pollution.
Policy 6	Energy efficiency, conservation, renewable resources.	Program 9.4	Recognition program for businesses reducing air emissions.
Program 6.1	Develop a Climate Action and/or Emissions Reduction Plan.	Program 9.6	School District to purchase the least polluting equipment.
Program 6.2	Adopt standard methodology for greenhouse gas estimates.		

10. Energy Element

Goal 1	Move toward a sustainable energy future.	Program 5.1	Partnerships to improve energy conservation/efficiency.
Policy 1	Reduce the City government’s energy demand.	Policy 6	Preserve/strengthen City’s green building policies/regulations.
Program 1.1	Reduce City government energy consumption.	Program 6.1	Better educate the public about green building opportunities.
Program 1.2	Make the City a model by increasing insulation/weatherization	Program 6.2	Review <i>Green Building Ordinance</i> for Green Points change.
Program 1.3	Coordinate schools and City for facilities energy management.	Program 6.3	Encourage green building practices for all projects.
Program 1.4	Adopt a City “Green Fleet” policy.	Program 6.4	Recognize exemplary green building projects with awards.
Program 1.5	Energy efficient lighting, air conditioning, heating, irrigation.	Program 6.5	Ensure that <i>Green Building Ordinance</i> is working as intended.
Program 1.6	Other public agencies to consider green-building practices.	Policy 7	Promote renewable energy.
Policy 2	Energy efficiency and energy conservation through education.	Program 7.1	Encourage public and private to generate renewable energy.
Program 2.1	Energy workshops for homeowners, businesses, professionals.	Program 7.2	Use solar in public and private facilities.
Program 2.2	Distribute energy-related educational materials to public.	Program 7.3	Photovoltaic demonstration projects with all development.
Program 2.3	Create educational displays on energy conservation.	Program 7.4	Photovoltaic co-op program & related financial considerations.
Program 2.4	Energy conservation/efficiency info on City’s web page.	Program 7.5	City to purchase solar panels in bulk. Pass savings to public.
Program 2.5	Educational program about conservation, energy, and rebates.	Program 7.6	New home construction with roofs to hold solar panels.
Program 2.6	Promote using less energy during peak demand periods.	Program: 7.7	Solar water heating/solar-ready roofs in new construction.
Program 2.7	Share information about link between water and electricity use.	Program 7.8	Alternative/renewable fuels and fuelling stations.
Policy 3	Reduce demand for electricity and natural gas.	Program 7.9	Photovoltaic joint venture project on private property.
Program 3.1	Create incentives for energy efficiency and support PG&E’s.	Program 7.10	Solar cities program for standardized photovoltaic installation.
Program 3.2	Identify insulation needs. Incentive program to insulate.	Program 7.11	<i>AB 811</i> funds: energy efficiency upgrades in houses/businesses.
Program 3.3	Alternative energy technology in private and public projects.	Policy 8	Consider other sustainable means energy supply in the city.
Program 3.4	Educational materials in energy efficiency for property owners.	Program 8.1	Explore the use of alternative energy technologies.
Program 3.5	Financial incentives for development of low energy homes.	Program 8.2	Support DSRSD’s use of methane from the sewage treatment.
Program 3.6	Categorize/allocate low-energy homes under housing cap.	Policy 10	Businesses to implement sustainable energy projects.
Policy 4	Reduce heating and cooling energy use in the city.	Program 10.1	Encourage energy efficiency reviews.
Program 4.1	Development to use properties of nature, i.e., passive solar.	Program 10.2	City program for businesses for energy efficiency reviews
Program: 4.2	Parking lot tree planting to cool parking, surrounding areas.	Program 10.3	Require the installation of energy efficient lighting.
Program 4.3	Reduce heat gain / air-conditioning w/ light-colored paving.	Program 10.4	Commend businesses/individuals that save more energy.
Policy 5	Partnerships to reduce electricity/natural gas demand.		

12. Community Character Element

Program 9.9	Along streets, use of native plant species.	Program 13.2	Regular maintenance and restoration of bus stop facilities.
Policy 13	Enhance bus shelter design in the city.	Program 15.3	Pedestrian amenities, walkways, bikeways, bike parking, transit.
Program 13.1	New and remodeled bus shelter improvements.	Program 17.8	Street tree ordinance to protect trees on private property.

14. Subregional Planning

Goal 4	Coordinated, efficient, safe, Tri-Valley transportation system.	Program 5.3	Preserve public rights-of-way for transportation corridors.
Policy 5	Expand and increase transit use and alternative travel modes.	Program 5.4	Subregional trail; network for bikes, pedestrians, equestrians.
Program 5.1	Tri-Valley transportation coordination. Streamline transit.	Program 5.5	Transit agencies to meet subregional transit needs.
Program 5.2	Transit to improve access, reliability, availability, timeliness.	Program 14.1	BAAQMD to monitor and control Tri-Valley air pollutants.