

Draft Napa Countywide Community Climate Action Plan Framework

TRANSPORTATION AND MOBILITY	BUILDINGS AND ENERGY	CONSUMPTION AND SOLID WASTE	AGRICULTURE, NATURAL RESOURCES, AND URBAN FORESTS	COMMUNITY ENGAGEMENT	LOCAL GOVERNMENT OPERATIONS
<p>Reduce demand for fossil fuel by decreasing vehicle miles traveled.</p> <p>T1.1 Enhance our commitment to urban-centered growth, adopting policies, zoning, and design standards in each jurisdiction to encourage mixed-use, live/work and "walkable," and "bikable" neighborhoods.</p> <p>T1.2 Maintain or improve the County's overall "balance" of 70,690 jobs and 64,100 employed residents (ratio of 1.1 to 1) through land use policies and decisions that locate jobs and wage-appropriate housing in proximity to each other.</p> <p>T1.3 Require discretionary development projects to assess and mitigate the impacts of vehicle miles traveled through transportation demand management programs including providing transit amenities.</p> <p>T1.4 Evaluate truck and freight rail routes and, based on these findings, develop policies and strategies that improve circulation and address neighborhood compatibility issues.</p> <p>T1.5 Adopt and implement the NCTPA Strategic Transportation Plan to increase transit service and ridership throughout Napa County.</p> <p>T1.6 Complete a multi-use countywide Class 1 trail from Calistoga to American Canyon (also known as the Napa Valley Vine Trail), and adopt and implement pedestrian and bicycle networks within each city and town that connect to it.</p> <p>T1.7 Maintain and enhance existing express bus, local bus and paratransit services, establish a northbound upvalley express bus during peak commute hours, and complete construction of a major transit center in central Napa.</p> <p>T1.8 Expand Park and Ride areas and other support facilities to encourage public transportation use and car and van pooling.</p> <p>T1.9 Study rail and bus rapid transit options in the Highway 29 corridor between Vallejo and downtown Napa, and in the Highway 12 corridor between Fairfield and central Napa. Plan for the phased implementation of transit improvements with the goal of bus rapid transit between Vallejo ferry and the Fairfield and central Napa transit centers.</p> <p>T1.10 Implement programs that encourage car-free tourism such as zero emission shuttle services during peak weekends and special events.</p> <p>Improve the overall fuel efficiency of the transportation system</p> <p>T1.11 Improve the fuel efficiency of the public street system by optimizing signal timing on arterials, improving street connections and reducing circuitous routes.</p> <p>Reduce the average length of trips</p> <p>T1.12 To reduce vehicle miles, adopt policies and ordinance changes that facilitate working at home, and support local hiring, food production, farmers markets, and community-based "buy local" campaigns. (See also AN1 and AN4.)</p> <p>Reduce the total number of trips</p> <p>T1.13 Develop parking strategies in downtown areas to help reduce vehicle miles traveled.</p> <p>T1.14 Implement transportation demand management (TDM).</p> <p>Encourage and support the switch from fossil-fuel powered vehicles to renewable energy powered vehicles.</p> <p>T2.1 Adopt consistent policies and programs that help businesses and organizations with fossil-fuel powered fleet vehicles switch to vehicles powered by clean, renewable energy sources. (See also LG1.)</p>	<p>Reduce energy demand through conservation and efficiency.</p> <p>BE1.1 Implement an AB811 program, making funding available to residential and commercial property owners seeking to improve their properties to conserve energy and water, and to generate solar energy.</p> <p>BE1.2 Pursue State and Federal funding programs designed to reduce energy demand through conservation and efficiency.</p> <p>BE1.3 Require or request discretionary development projects to assess greenhouse gas emissions due to energy use, and to incorporate energy and water conservation measures into projects</p> <p>Reduce the Growth of Electricity and Natural Gas Use</p> <p>BE1.4 Implement improved energy conservation (Title 24) standards for new buildings starting in January 2010, and before 2011 adopt enhanced green building ordinances that meet or exceed the 2010 California Green Building Standards.</p> <p>BE1.5 Adopt policies and ordinance changes to reduce energy use by promoting domestic water conservation and requiring water efficient landscape improvements associated with new construction. (See also AN1.3 and AN2.1.)</p> <p>Improve the energy supply by switching from fossil fuels to renewables.</p> <p>BE2.1 Increase local renewable energy generation such that the County will always generate more than 15 watts of renewable energy per capita.</p> <p>BE2.2 Adopt policies and ordinances to remove regulatory impediments and economic disincentives associated with the generation and use of energy from renewable sources such as wind, geothermal, and solar energy.</p>	<p>Achieve overall waste diversion of 75% to 90% by 2020.</p> <p>SW1.1 Enact ordinances and create incentives to achieve construction and demolition debris waste diversion of 75% to 90% by 2020.</p> <p>SW1.2 Enact ordinances and create incentives to achieve organic (food and green) waste diversion of 75% by 2020, including waste diversion from restaurants and special events</p> <p>SW1.3 Create and support other programs, such as the Napa County Green Business Program, that help achieve the 75% to 90% overall waste diversion goal.</p> <p>SW1.4 Adopt environmentally preferable purchasing policies and explore joint-purchasing agreements with partner agencies, and local jurisdictions and businesses.</p> <p>SW1.5 Establish collection services in all cities for segregated food waste from commercial sources and establish a local food composting facility.</p> <p>SW1.6 Encourage home composting of organic waste.</p>	<p>Encourage responsible and sustainable agricultural and landscaping practices, supporting Local Agriculture, Food Production, and Community Gardens, Promoting Water Conservation</p> <p>AN1.1 Adopt policies and ordinances that support local agriculture, food production, and community gardens. Support efforts by local growers and restaurants to produce and use locally grown food products, and remove associated regulatory hurdles.</p> <p>AN1.2 Support efforts by local growers and restaurants to produce and use locally grown food products and remove associated regulatory hurdles. (See also T10 and AN1.)</p> <p>AN1.3 Adopt water efficient landscape ordinances that promote climate-appropriate plants, efficient irrigation, and non-potable water sources.</p> <p>Reduce water use and protect local water resources, Reducing demand of potable water and developing water service and infrastructure</p> <p>AN2.1 Develop and implement water conservation plans that include financial incentives, educational programs, and ordinances that reduce the per capita demand of potable water.</p> <p>AN2.2 Develop and enhance recycled water service and infrastructure to serve all areas of Napa County.</p> <p>Protect and increase the amount of vegetation and biomass in soil and reduce emissions from agricultural sources.</p> <p>AN3.1 Support and promote the Napa Green Certified Winery Program and the Napa Green Certified Land Program ("Fish Friendly Farming"), as well as other practices.</p> <p>AN3.2 Assess the positive or negative impacts of land use changes, new vineyards, and urban development on carbon sequestration.</p> <p>AN3.3 Adopt policies, ordinances, and plans that create and enhance urban forests and greenways.</p> <p>AN3.4 Adopt policies and ordinances to protect habitat and mitigate the conversion of oak woodlands and other important plant communities by permanently protecting similar habitats.</p>	<p>Market programs and conduct community outreach to increase participation in GHG reduction efforts.</p> <p>CE1.1 Partner with community-based non-profit organizations, schools, and others engaged in public outreach and education efforts that broaden community involvement in reducing greenhouse gas emissions.</p> <p>CE1.2 Partner with utilities, energy service providers and community-based non-profit organizations to encourage participation in incentive programs that improve energy and water efficiency.</p> <p>CE1.3 Partner with public agencies, non-profit organizations and private employers to offer incentives aimed at reducing drive-alone commuting and promoting car-free tourism.</p> <p>CE1.4 Promote programs designed to advance sustainable business practices, such as the Napa County Green Business Program and sustainable agricultural practices, such as the Napa Green Certified Land Program.</p> <p>Engage and advocate for collaborative policy and legislative actions at regional, state, federal and global levels to reduce GHG emissions.</p> <p>CE2.1 Engage and assist local agencies and utility companies toward achieving greenhouse gas reduction targets.</p> <p>CE2.2 Support United States participation in international greenhouse gas reduction efforts.</p> <p>CE2.3 Seek long-term actions by investing in workforce development, partnering with local educators and institutions, and adjusting public policy when warranted by scientific findings.</p>	<p>Reduce fossil-fuel consumption by local government operations.</p> <p>LG1.1 Transition government fleets to vehicles powered by clean, renewable energy sources, smaller and more efficient vehicles, and facilitate trip reduction and non-vehicle alternatives.</p> <p>LG1.2 Install electric vehicle charging stations with funding from State and Federal sources.</p> <p>LG1.3 Encourage alternatives to employee use of single-occupancy vehicles by providing secure bicycle parking, preferential parking for carpools and vanpools, commuter information, alternative work schedules/practices for government employees and transit incentives.</p> <p>LG1.4 Adopt hours of operations and schedules for public meetings which are coordinated with public transit service availability.</p> <p>Improve the energy efficiency and reduce greenhouse gas emissions of City and County facilities and operations.</p> <p>LG2.1 Perform audits and regularly monitor the effectiveness of City and County energy-efficiency implementation measures and adapt them to meet targets.</p> <p>LG2.2 Convert street lighting, water pumping, water treatment, and other energy-intensive operations to more efficient technologies, and use renewable energy where feasible.</p> <p>LG2.3 Ensure that new government facilities incorporate cost-effective strategies for reducing greenhouse gas emissions, conserving energy and water, and utilizing sustainable construction practices.</p> <p>LG2.4 In City and County purchasing decisions, consider carbon emissions from the production, transportation, use, and disposal of goods as a criterion.</p> <p>Reduce solid waste from City and County operations and facilities.</p> <p>LG3.1 Recover 70% to 85% of all waste generated in City and County operations and establish a user-friendly, comprehensive recycling program that involves all departments and facilities.</p>