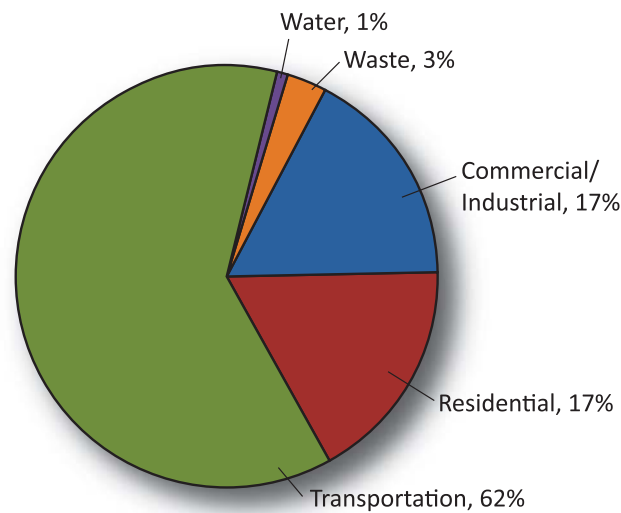


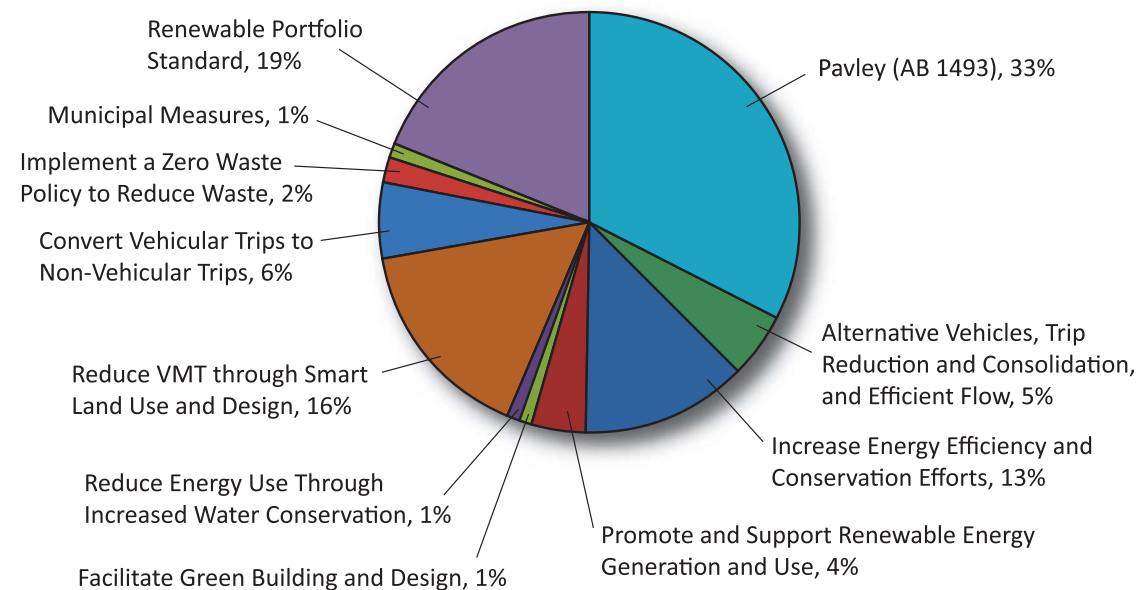


WHAT DOES THE CAP ACCOMPLISH?

Together with state actions, local reduction measures will achieve a 15% reduction by 2020 from baseline 2005 levels. This achievement of GHG emissions reductions demonstrates that the City is acting consistently with state direction in the Global Warming Solutions Act (AB 32) and the California Environmental Quality Act (CEQA) Guidelines (Public Resources Code Section 21083.3). The CAP identifies reduction measures under ten goal topics for local community-wide activities (see chart below), plus goals and measures for municipal facilities. By 2020, local land use and transportation goals contribute 27% of total reductions, while energy efficiency and renewable energy goals contribute approximately 19% of total reductions. The reductions achieved by the proposed community-wide and municipal goals can be organized within five sectors, which include Water, Waste, Commercial/Industrial, Residential, and Transportation. Accounting for state reductions, the transportation sector contributes 62% of total reductions by 2020, while the residential and commercial/industrial sectors each contribute 17% of total reductions (see chart above).



2020 Reductions by Sector



2020 Reduction by Goal

PURPOSE OF THE CLIMATE ACTION PLAN

Walnut Creek created this Climate Action Plan to demonstrate City leadership in reducing greenhouse gas emissions while achieving local planning goals. The Climate Action Plan (CAP) consolidates existing and planned programs in order to effectively reduce greenhouse gas emissions and provide a transparent regulatory framework for new development. The analysis and actions in the CAP demonstrate the City's compliance with state direction to address climate change. The CAP will also satisfy the Bay Area Air Quality Management District's (BAAQMD) criteria for a qualified greenhouse gas reduction strategy and allow for streamlined review of new development that complies with standards in the CAP.

The CAP functions as a decision-making tool to prioritize strategies that reduce greenhouse gas emissions (GHG) and achieve the State-recommended GHG emissions reduction target of 15% below baseline GHG emissions by the year 2020. The City will use actions in the CAP, reduction measures, to mitigate GHG emissions from community-wide activities and City operations. Reduction measures in the CAP are implemented on an on-going basis through all aspects of the development review and planning process.



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THIS CAP IS A LIVING DOCUMENT AND THE BEGINNING OF AN ON-GOING IMPLEMENTATION PROCESS TO ACHIEVE GHG EMISSIONS REDUCTIONS. THE DOCUMENT WILL BE MONITORED AND UPDATED REGULARLY TO ENSURE THE CITY EFFECTIVELY ACHIEVES THE GHG EMISSIONS REDUCTION TARGET.

WHAT DOES THE CLIMATE ACTION PLAN ADDRESS?

This document crosscuts aspects of daily life in the city to address all activities that affect GHG emissions. The City of Walnut Creek will utilize land use planning, development, and code compliance strategies to reduce community-wide GHG emissions from energy consumption in the built environment, transportation, water, and waste. The City will also promote voluntary efforts to achieve energy efficiency, promote renewable energy, and reduce vehicle miles traveled (VMT). City government initiatives demonstrate that the City is leading by example with municipal energy audits and upgrades, a municipal green building policy, employee education, and more.

ADOPTION OF THE CAP

City staff will implement the CAP on an on-going basis through all aspects of the development review and planning process. The CAP provides a planning-level analysis to assist with the evaluation and assessment of future projects. This CAP is not a financial commitment, but rather outlines financial considerations to support City decision-making. As part of CAP implementation, staff will continue to investigate funding opportunities, new resources, and improved strategies to achieve CAP reduction targets. The CAP will be revisited and revised on an on-going basis.

Adoption of the CAP will also streamline the review process for GHG emissions of new development projects.

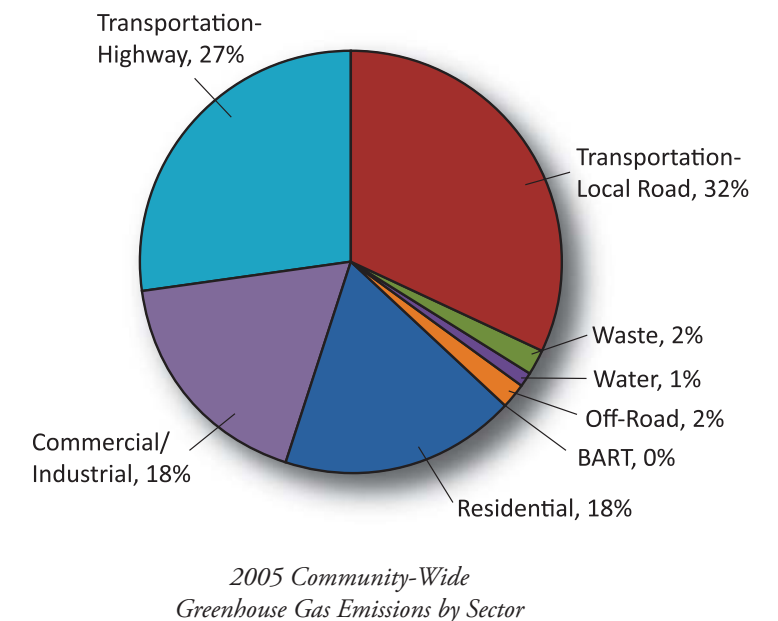
IMPLEMENTATION OF THE CAP

All sectors of the community will work together to achieve the GHG emissions reduction target – residents, businesses, and City government. GHG emissions reductions will result from household and business choices, including participation in the programs and opportunities outlined in the CAP. City government will also implement the CAP and use it to guide work efforts and assess future projects.



LOOKING AT GHG EMISSIONS IN WALNUT CREEK: WHERE WE ARE NOW AND WHERE WE ARE GOING

The GHG emissions reductions calculated in the CAP are built on a detailed analytical framework. The CAP shows the City’s existing GHG emissions, identifying 2005 as the baseline for GHG emissions. GHG emissions are projected for 2020 and 2030 to show how the City’s emissions are anticipated to change based on housing, jobs, population, and vehicle miles traveled forecasts from the Association of Bay Area Governments (ABAG) and Metropolitan Transportation Commission (MTC). After identifying both existing and future GHG emissions, the CAP is able to establish a reduction target of 15% below baseline GHG emissions by 2020. To close the gap between forecast GHG emissions and the reduction target, the CAP identifies reduction measures through community-wide activities and City government operations. Each measure reduces GHG emissions by affecting local activities and behaviors, such as electricity consumption or transportation habits. Reduction measures also depict costs, savings, and implementation timeframes. Reduction measures included in the CAP range from installing solar on City buildings to developing a residential energy efficiency incentive program.



Sector	Greenhouse Gas Emissions (metric tons CO2e)	Greenhouse Gas Emissions (% CO2e)
Residential	117,868	18%
Commercial/Industrial	117,312	18%
Transportation – Highway	174,369	27%
Transportation – Local Road	202,936	32%
Waste	9,892	2%
Water	6,736	1%
Off-Road	12,293	2%
BART	2,191	<1%
TOTAL	643,596	100.00%

2005 Community-Wide Greenhouse Gas Emissions by Sector