



The City of Redlands Climate Action Plan

The City's Climate Action Plan (CAP) is a comprehensive strategy that will be used to address greenhouse gas emissions (GHGs) in the City of Redlands between now and 2050. The CAP sets an ambitious goal to generate **1.0** metric ton of carbon dioxide equivalent (MTCO_{2e}) per capita, per year, by 2050.



KEY STRATEGIES

The City has established fifty-seven measures to address GHG emissions. The City's strategies are divided into six categories.

TRANSPORTATION

- Support the transition to EVs in our community
- Infrastructure changes to promote walking & biking
- Work on commuting & public transportation programs

BUILT ENVIRONMENT

- Educate the public on cost-effective energy efficiency upgrades for their home
- Support energy efficient policies
- Improve building efficiency at city facilities

SOLID WASTE

- Increase the city's diversion rate
- Educate community on resource recovery and circular economies
- Promote policy changes as a tool to reduce waste
- Expand organic waste programs

WASTEWATER

- Increase efficiency in wastewater operations
- Promote safe methane gas management in coordination with the City's landfill operations

POTABLE WATER

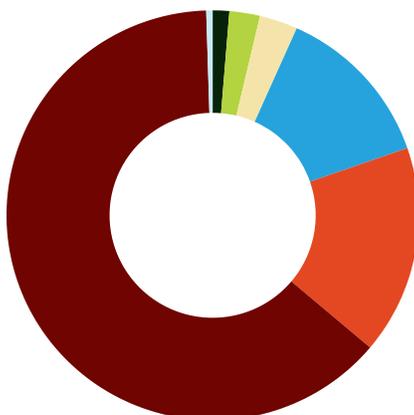
- Expand current water conservation programs
- Promote drought tolerant landscaping
- Increase enforcement of water use restrictions

CARBON SEQUESTRATION

- Plant trees to support shade, natural wildlife habitat, water retention, & carbon sequestration
- Support residential & commercial community gardens

GHG EMISSIONS BY SECTOR

The CAP includes a GHG emissions inventory organized by sector. The transportation sector, including on-road and off-road vehicles, generates the most GHGs. In total, the city is annually emitting 554,413 MTCO_{2e}.



- On-Road Vehicles - 63.5%*
- Electricity - 16.5%**
- Natural Gas - 13.0%**
- Off-Road Equipment - 2.8%*
- Wastewater - 2.4%
- Solid Waste - 1.3%
- Potable Water - 0.5%

*These quantities total the GHG emissions generated by transportation activities.

**These quantities total the GHG emissions generated by the built environment.

QUANTITATIVE VS. SUPPORTIVE

Each of the CAP's measures are defined as *quantitative* or *supportive*.

Twelve of the CAP's measures have quantifiable reduction potential. The GHG reduction potential from these *quantitative measures* were calculated based on available data.

The remaining *supportive measures* are not considered quantifiable due risk of double counting. These measures still play an important role in the CAP and contribute to GHG reductions throughout the region.

View the Climate Action Plan by scanning the QR code. Learn more online at, www.CityofRedlands.org.

