



CLIMATE ACTION PLAN FACT SHEET

This update to the City of San Diego's Climate Action Plan provides a roadmap to significantly reduce greenhouse gases by 2035 through specific actions by the Mayor and City Council. By striking a balance between protecting our environment and growing our economy, San Diego can be a leader in clean technology, renewable energy and green jobs.

BACKGROUND

A 2005 Executive Order by Gov. Schwarzenegger ordered greenhouse gas reduction targets for California. The City's first Climate Action Plan was approved by the City Council in July 2005, and a commitment to update and implement this plan was included in the City of San Diego's 2008 General Plan update. This plan is in draft form until it is reviewed by the public and approved by the City Council.

GOALS

- **ELIMINATE HALF OF ALL GREENHOUSE GAS EMISSIONS BY 2035**
 - Based on 2010 greenhouse gas levels
 - Puts the City of San Diego on track to meet state goals for 2050
- **100% RENEWABLE ENERGY TARGET BY 2035**
 - Aims for all electricity used in the City to be from renewable sources – such as wind, solar, geothermal, hydroelectric and biomass energy – that don't emit greenhouse gases

BENEFITS FOR THE ENVIRONMENT AND ECONOMY

The Climate Action Plan is a package of commonsense policies that will benefit San Diego's environment and economy. Implementing the Climate Action Plan will:

- **Create new jobs** in the renewable energy industry with emphasis on solar panels and electric vehicles
- **Improve public health** and air quality by reducing carbon monoxide, sulfur dioxide and other particulate matter
- **Enhance water quality** by reducing waste and decrease dependence on imported water by promoting water conservation
- **Efficiently use existing resources**, such as converting methane from wastewater facilities into electricity
- **Inform home buyers** how much electricity and water a building uses before purchasing – without added delay or cost to the home-buying process
- **Increase local energy production** with rooftop solar, renewable energy and electric vehicles
- **Improve quality of life** by encouraging biking and walking, planting trees and reducing landfill waste
- **Save taxpayer money** by decreasing municipal water, energy and waste usage

BOLD STRATEGIES TO REDUCE GREENHOUSE GAS EMISSIONS

The Climate Action Plan calls for:

- **ENERGY & WATER EFFICIENT BUILDINGS**
 - Increase energy efficiency and reduce water usage
 - Create a mix of regulatory mandates and incentives to improve building performance
- **CLEAN & RENEWABLE ENERGY**
 - Facilitate installation of renewable energy locally
 - Create jobs in renewable energy sector
- **BICYCLING, WALKING, TRANSIT & LAND USE**
 - Reduce vehicle miles traveled, improve mobility and reduce gas consumption
 - Implement smart growth and promote alternative modes of travel
- **ZERO WASTE**
 - Achieve a 75% waste diversion rate to landfills by 2020
 - Reach 90% diversion rate by 2035
- **CLIMATE RESILIENCY**
 - Develop programs, policies and processes that are flexible to allow future change

NEXT STEPS

This draft plan is open for public input. City staff can then revise the plan based on public feedback, perform an environmental review and bring it to the City Council for consideration in spring 2015. The following is a list of actions that the Mayor and City Council can take to reach the goals of the Climate Action Plan.

- Craft ordinances to require:
 - Disclosure of a building's energy and water use to potential home-buyers
 - Installation of weather-based sprinkler controls (sensors that shut off system after rain)
 - Developers install conduit for solar and electric vehicle charging stations in new construction
- Create a renewable energy program to reach the goal of achieving 100% renewable energy by 2035
- Support water rate structures that encourage conservation
- Implement the following changes to City policy:
 - Establish goal of 50% of City's fleet being electric vehicles by 2020 and 90% by 2035
 - Convert City trash trucks to natural gas with goal of 100% conversion by 2035
 - Capture methane from wastewater treatment with goal of capturing 98% by 2035
- Create and implement the following plans:
 - A traffic signal master plan to retune traffic lights and better coordinate the traffic system
 - A roundabouts master plan with goal of creating 20 roundabouts by 2035
 - A site plan for electric vehicle charging stations
 - A zero waste plan
 - An urban tree planting program
- Encourage biking, walking and public transportation near transit stations
- Monitor progress of Climate Action Plan implementation, greenhouse gas emissions and the creation of green jobs