

# Regional Climate Protection Strategy



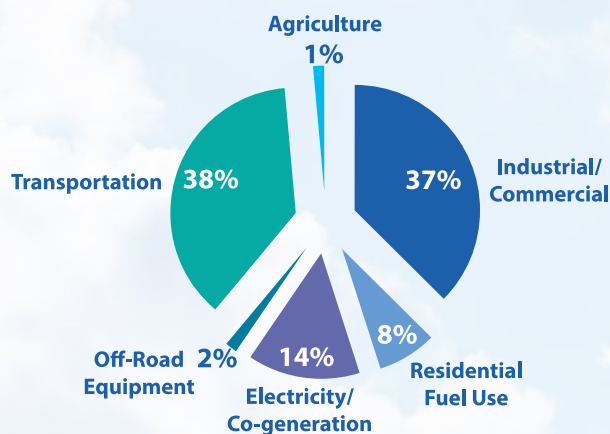
BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

The Bay Area Air Quality Management District is developing a Regional Climate Protection Strategy to help set the Bay Area region on a pathway toward meeting our long-term greenhouse gas reduction goal of reducing GHG emissions 80% below 1990 levels by 2050.

## The Regional Climate Protection Strategy will:

- Guide and document the Air District's work toward achieving the 2050 GHG reduction goal
- Support the agency's efforts to improve air quality and public health
- Identify appropriate roles for the Air District in helping the region achieve significant, long-term GHG emission reductions
- Support and complement the goals of Plan Bay Area, as well as concurrent GHG reduction efforts being made at the national, state, regional and local levels

### 2015 Bay Area GHG Inventory



### Contacts

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<http://www.baaqmd.gov/Divisions/Planning-and-Research/Climate-Protection-Program.aspx>

## An Economywide Strategy

The Air District is following the example of the California Air Resources Board by organizing its climate planning around nine economic sectors. These sectors, and examples of approaches to reduce GHG emissions within those sectors, include:

**Agriculture** • Reduce emissions from animal waste, soil management and agricultural equipment

**Energy** • Increase energy efficiency, decrease carbon content of electricity, increase use of renewable energy, limit methane leaks from natural gas system

**Green Buildings** • Increase energy efficiency, switch fossil fuel uses to electricity, increase on-site renewable energy

**Natural & Working Lands** • Preserve and expand Bay Area natural lands, maximize carbon sequestration

**Short-lived Climate Pollutants** • Reduce hydrofluorocarbons (HFCs) and black carbon emissions

**Stationary Sources** • Complement the State's Cap & Trade program, pursue regulations, incentives and other approaches to reduce methane and other GHGs from industrial processes

**Transportation** • Reduce motor vehicle travel, increase efficiency of vehicle fleets, support large-scale deployment of zero-emission vehicles

**Waste** • Limit GHG emissions from landfills and composting facilities, continue to increase recycling and waste reduction rates

**Water** • Reduce direct emissions from wastewater treatment facilities, continue to achieve reductions in water consumption

### California's Challenge (million metric tons of CO<sub>2</sub>e)

