

Tools to Lower Emissions



Air Quality Programs to Reduce Greenhouse Gas and Criteria Pollutant Emissions.

The following example programs are aimed at reducing emissions. They are provided here to show you examples of tools used in other jurisdictions.

THE BUILT ENVIRONMENT: Sustainable building practices

- Green Building Program for all buildings in the City
- Green Building Ordinance and Energy Efficiency Ordinance
- Green Building Policy for all City-funded Development
- Green Building Regulations
- Green Building Certification required of all New Development and Remodels

FUELS & FLEETS

- Municipal Fleet is Alternative Fuel Vehicles
- Free Metered Parking for Solar-powered Vehicles
- Biodiesel or Renewable Fuel Conversion Program
- Light-duty, non-emergency fleet, and Bus Fleets are Alternative Fuel Vehicles
- Compressed Natural Gas & Diesel Electric Hybrid Buses
- Police Fleet is Alternative Fuel Vehicles

ENERGY EFFICIENCY

- Energy Star compliant City-owned Office Equipment
- LED Lights in Traffic Signals
- Solar Power Plant
- 3.2 Mega-watt Landfill Gas-to-Energy Power Plant
- Architecture 2030 Challenge

TRANSPORTATION

- Mode Share for Pedestrian and Bicycle Travel
- Reduce Single-occupancy Automobile Usage
- Bike fleet for City Employee Work Trips
- Bike-oriented Streets
- Reduction in City Fleet Vehicle Miles Traveled
- Incentive-based Commute Program

RENEWABLE ENERGY

- 50% of Consumed Energy is Locally Produced
- 100% of Energy is Renewable
- Renewable Energy Fuels Standard of Diesel sold in City
- Purchase 20% Clean Energy by 2010
- 20% of Energy is Wind Power
- Renewable Energy for City Operations

TARGETS for REDUCING GHG EMISSIONS:

- Reduce GHG emissions each year to exceed 2020 state target
- Reduce carbon dioxide emissions from City operations
- 80% Reduction in Greenhouse Gas Emissions
- GHG emission 15% below 1990 levels by 2010

LAND USE

- Sustainable Transportation Goals
- Compact Development Zoning Ordinances
- Higher Density, Mixed Use, and Accessible Neighborhoods
- Urban Uses in City-centered Corridors
- Plan Mixed Use Sites
- Transit-oriented, Multi-modal Connections
- Bike/Walk to School Programs
- Compact Land Use Patterns

WASTE

- Overall Solid Recycling Rate of 60%
- Goal of Zero Waste
- Expand Education About the Benefits of Waste Reduction
- Divert Construction Waste
- Achieve Zero Waste by 2040
- Increase Eco-efficient Annual Commodity
- Increase residential, commercial recycling and composting
- Expand construction and demolition debris recycling
- Support alternative collection methods for recyclables
- Promote source reduction, reuse and other waste reduction