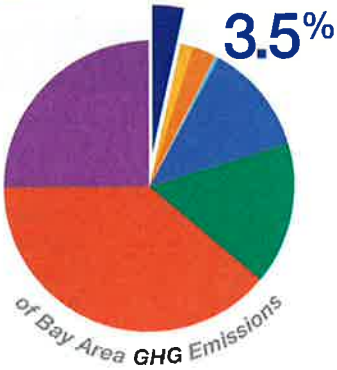
short-lived climate pollutants



Reducing Short-Lived Climate Pollutants

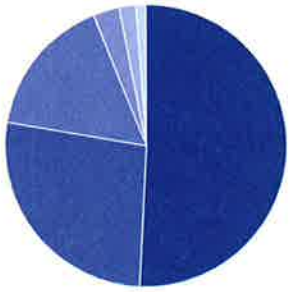
SLCPs have a relatively short atmospheric life; reducing SLCP emissions offers an effective means to reduce GHG emissions in the near term, while strategies to reduce emissions of longer-lived CO_2 are developed and implemented. SLCPs include methane, N_2O, fluorinated gases and black carbon.

How do we propose to do it?

Reduce Methane

- Implement more stringent landfill gas collection and control requirements
- Reduce waste by expanding recycling and waste diversion
- Develop a model zero waste ordinance for local governments
- Promote the use of biogas recovery/anaerobic digester systems at local farms
- Work with animal farming community to reduce emissions from enteric fermentation
- Regulate equipment leaks at oil refineries to reduce methane and other organic emissions

Bay Area Methane Emissions by Source

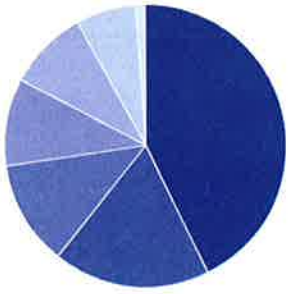


- 51% Recycling & Waste
- 27% Agriculture
- 16% Industrial
- 3% Commercial/ Residential Fuel Use
- 2% Transportation
- 1% Electricity/ Co-Generation

Reduce Black Carbon

- Enhance programs to reduce residential wood-burning
- Provide incentives to reduce particulate matter and black carbon from heavy-duty trucks
- Adopt regulations or provide incentives to reduce emissions from back-up generators
- Pursue strategies to reduce motor-vehicle use

Bay Area Black Carbon Emissions by Source



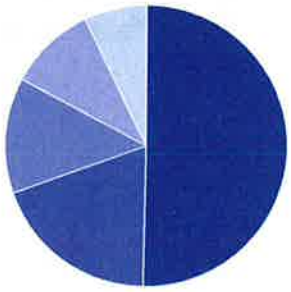
- 43% Transportation
- 18% Industry
- 12% Residential Fuel Use
- 10% Commercial Fuel Use
- 9% Agriculture
- 7% Electricity
- 1% Recycling/Waste

short-lived climate pollutants

Reduce Fluorinated Gases (Hydrofluorocarbons)

- Enforce state regulations to reduce HFC leaks from commercial refrigerant systems
- Enforce regulations on the servicing of existing air conditioning units in motor vehicles
- Support the adoption of more stringent state and federal regulations
- Encourage better HFC disposal practices
- Promote vehicle buy-back programs

Bay Area HFC Emissions by Source



- 50% Refrigerants/AC in Commercial Buildings
- 19% Refrigerants/AC in Transportation
- 13% Aerosol Propellants
- 10% Refrigerants/AC in Industry
- 7% Refrigerants/AC in Residential Buildings

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

For more information on the 2016 Clean Air Plan/Regional Climate Protection Strategy, please visit: www.baaqmd.gov.