

Climate Action Planning

Local Government Data Checklist

An overview of data needed for a successful greenhouse gas inventory and Climate Action Plan development process.

Municipal and Community Building Data

1. Residential parcel data
 - a. Number of units by type [SFD, MF, Affordable, etc]
 - b. Square footage and age distribution of units
2. Commercial and municipal parcel data
 - a. Square footage of buildings by use/ type [office, retail, industrial, etc or by utility rate category]
 - b. Age distribution of buildings by use/ type
3. Parks and Open Space
 - a. Community and municipal parks (active and passive)
 - i. Number and area of active fields (baseball, soccer, etc)
 - ii. Irrigated and maintained area
 - iii. Water supply: potable or recycled
 - iv. Typical landscape palette (trees, grass, shrubs, CA Friendly, etc)
 - b. Open Space
 - i. Area of irrigated landscape
 - ii. Water supply: potable or recycled
 - iii. Typical landscape palette (trees, grass, shrubs, CA Friendly, etc)
 - iv. Area of non-irrigated landscape
4. Utility Consumption Information [electricity, natural gas, water (potable and recycled), waste]
 - a. For all residential, commercial, municipal buildings and public and private parks
 - b. Consumption by category:
 - i. SFD, MF, affordable residential
 - ii. Office, retail, industrial buildings (or utility rate schedule)
 - iii. Municipal (office, etc) buildings
 - iv. Parks (municipal and community)
5. Refrigerant Use Information
 - a. Primarily directly applicable to municipal buildings
 - b. With good community parcel data, can be estimated

Other Land Uses

1. Area, square footage, age, and other attributes for:
 - a. Airports, Port Facilities, Rail Transportation
 - b. Refineries, Mines
 - c. Electric Utility, Gas Utility, Gas or Oil Storage Facilities
 - d. Water Utility, Wastewater Utility, Pumping stations
 - e. Solid Waste Utility, Composting Facility
 - f. Nature Preserves
2. Associated utility energy, water, waste consumption data for these end uses (if available)



Transportation

1. Municipal fleet information – number of vehicles by fuel type, age, and annual use
2. Employee commuting patterns – typical round trip distance, carpooling, alternative modes
3. Community transportation
 - a. Use of a transportation model?
 - b. Trip Type, Mode Split, Estimated ADT
 - c. Estimated Trips/Year, Average trip distance, VMT/Year

Solid Waste

1. Tonnage report
 - a. Landfilled, Recycled
 - b. Green Waste, Waste-to-Energy
 - c. Alternative Daily Cover
 - d. Other Diversion, Source reduction, Composting
2. Diversion rates
3. Landfill area
 - a. Landfill gas collection systems in place

Open Space, Landscape and Agriculture

1. Area of Agricultural Land (Acres)
2. Area of Fertilized Landscaping (Acres)
3. Area of Fertilized Parks (Acres)
4. Synthetic Fertilizer Application (lbs/year), Synthetic Fertilizer Application (% Nitrogen)
5. Organic Fertilizer Application (lbs/year), Organic Fertilizer Application (% Nitrogen)
6. Poultry (qty), Other Livestock (qty)

Street, Traffic, and Outdoor Lighting

1. Street and Traffic Lights
 - a. Number of Lights, kW/ light
 - b. Municipal-owned Lights, Utility-owned Lights
 - c. Total kWh/Year for Lights (from utility)
2. Outdoor Lighting
 - a. Number of Lights (parking lot, parking structure, path, open space), kW/ light
 - b. Surface parking, parking lot square footage, lighted path linear feet
 - c. Municipal-owned Outdoor Lights, Utility-owned Outdoor Lights
 - d. Total kWh/Year for Outdoor Lights (from utility)

Growth Projections through 2030

1. Community buildings by type
2. Municipal buildings by type
3. Parks, landscaped area, and open space
4. Other agriculture and land use growth
5. Transportation vehicle miles travelled
6. Population, Municipal employees
7. Municipal fleet vehicles



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