



## Sustainability Indicators

In its effort to advance a prosperous economy and a healthy ecosystem, the *California Green Plan* will attempt to consider the entire spectrum of sustainability issues, while looking at the interaction between major systems. Specifically, *our model will address air, land, and water, and the relationship of people, plants, and animals to those.* To this end, we propose that the following sustainability indicators be monitored to gauge success and the state's impact on the three natural domains, the economy, and environmental health:

- **Air:**
  - CO<sub>2</sub>e Emissions
  - Air Quality (Contaminants PPM)
  - Power Production:
    - Energy Use per Capita
    - Energy Supplied by Renewable vs. Non-Renewable Sources
- **Land:**
  - Transportation
    - Public Transit Usage per Capita
    - Lost Productivity Due to Congestion
    - Vehicle Miles Traveled (per SB 375)
  - Built Environment
    - Percent of Buildings that are LEED Certified
  - Agriculture
    - Soil Quality (Contaminants PPM)
    - Farmed Acreage by Crop, Including Organic
    - Crop Type & Volume (Imported vs. Exported)
  - Natural Resources
    - Total Forestry Acreage
    - Fossil Fuels, Minerals, & Ore Extraction Rates
  - Waste:
    - Amount of Waste Generated per Capita
    - Landfill Diversion (i.e. Recycling + Compost) Rate
- **Water:**
  - Water Quality (Contaminants PPM)
  - Current and Projected Water Usage (Acre Feet for Municipal & Industrial, Agriculture, and Environmental)
  - Water Recycling Rates
  - Water Supply (Percent Generated by Groundwater vs. Above Ground Storage, vs. Desalination)





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- **Economy:**
  - Unemployment Rate
  - Income Distribution
  - Number of People Employed in Green Jobs
  - R&D Investment by Air, Land, and Water
  
- **Environmental Health:**
  - Appropriate Health/Disease Metrics (i.e., asthma, cancer, toxics, etc.)
  - Quality of Life Indicators, per the Regional Progress Report
  - Increased Incidence of Climate-Related Illness in Low Income Populations
    - Additional Social Equity Indicators TBD
  - Endangered and Extinct Species Rates



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