



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:**
 - CO₂e 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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