GETTING STATES ON BOARD:

Reaching California’s Climate Goals through Smart Growth

Elizabeth Grassi, Senior Analyst and Planner, Strategic Growth Council
GLOBAL WARMING

$4.43 BILLION IN AUCTION REVENUES OVER A FIVE-YEAR PERIOD

GLOBAL WARMING

CALIFORNIA CLIMATE STRATEGY

An Integrated Plan for Addressing Climate Change

VISION

Reducing Greenhouse Gas Emissions to 40% Below 1990 Levels by 2030

GOALS

50% reduction in petroleum use in vehicles
Carbon sequestration in the land base
Safeguard California

50% renewable electricity
Double energy efficiency savings at existing buildings
Reduce short-lived climate pollutants

UNDER 2°

Subnational Global Climate Leadership Memorandum of Understanding
State Actions
Governor’s Directives (Executive Orders)

B-30-15 Climate Change Mitigation and Adaptation
- Established GHG emissions reduction targets below 1990 levels: 40% by 2030, 80% by 2050
- Directs the state’s to consider resilience to climate change in all planning and investments using five adaptation principles

B-16-12 Facilitates the Rapid Commercialization of Zero Emissions Vehicles

B-18-12 Green Buildings—Reduced GHG Emissions, Energy Efficiency and Constructing Zero Net Energy Facilities
Legislative Direction (2015-16 Session)

ASSEMBLY BILL 1482: Directs agencies to prepare for and respond to climate change impacts; develop adaptation policies that protect people, places, and water from climate impacts; and be consistent with the State’s climate adaptation strategy.

ASSEMBLY BILL 2722: Allocates $140 million for Transformative Climate Communities, awarding grants to disadvantaged communities for neighborhood-level community activities resulting in measurable greenhouse gas emissions reductions, while benefiting the health, economy and environment of its residents.

ASSEMBLY BILL 2800: Directs agencies to take current and future climate change impacts into account in all infrastructure planning, design, building, operating, maintenance and investments. Creates the Climate-Safe Infrastructure Working Group to examine and integrate scientific data into the state’s efforts to engineer, oversee, invest in, design, and construct projects.

SENATE BILL 32: Updates the California Global Warming Solutions Act of 2006, requiring the Air Resources Board to ensure that statewide greenhouse gas emissions are reduced to at least 40% below 1990 levels by 2030.

SENATE BILL 246: Establishes the Integrated Climate Adaptation and Resiliency Program, coordinating regional and local efforts with the State’s climate adaptation strategies. Requires fixed updates to the California Adaptation Planning Guide and the Safeguarding California Plan.

Climate Policies/Initiatives

California’s Vibrant Communities and Landscapes

Recognizes the inherently difficulty in making land use decisions.

Considers the conflicts, tradeoffs, and balancing the needs of constituencies.

Considers the role of land use within the context of California’s climate change policy.

As part of CalEPA’s environmental justice program, CalEnviroScreen was developed for state agencies and departments to identify communities that face multiple burdens of pollution and socioeconomic disadvantage.
Funding Opportunities

**California Climate Initiatives**
- Active Transportation
- Affordable Housing
- Agricultural Energy / Operational Efficiency
- Alternative and Renewable Fuels
- Dairy Methane
- Energy Efficiency
- Enhanced Fleet Modernization
- Forest Health
- Healthy Soils
- High Speed Trail
- Hydroelectric Renewable Energy Turbines
- Low Carbon Transit and Intercity Rail
- Low Income Weatherization
- Sustainable Agricultural Conservation
- Technical Assistance / Disadvantaged Communities
- Transformative Climate Communities
- Urban and Community Forestry
- Urban Forests
- Urban Greening
- Waste Diversion
- Water-Energy Efficiency Program
- Wetlands and Watershed
- Woodsmoke Reduction
- Zero Emissions Vehicle Rebates

**California Clean Energy Jobs**
- Local Educational Agency energy efficiency and clean energy projects
- California Community College energy efficiency and clean energy projects
- Conservation Assistance Act - Education Loan and Technical Assistance Grant Program
- Workforce Development Training for Veteran's and Disadvantaged Youth
- California Conservation Corps conducted energy surveys and other energy conservation-related activities for public schools

**Sustainable Communities**
- Land Use Planning
- Urban Greening
- Urban Forestry

**Water Quality, Supply, and Infrastructure**
- Delta Water Quality and Stormwater Resource Plans and Projects
- Drinking Water and Wastewater
- Ecosystem Restoration and Water recycling
- Groundwater Sustainability and Watershed Restoration
- Integrated Regional Water Management
Through Cal-Adapt, all Californians can access the wealth of climate data and information produced by the scientific and research communities about our state. It provides users with visualization tools, access data, and community sharing that offers a view of how climate change might affect California at the local level.

Tools

This searchable database of grants, rebates and incentives helps fund sustainable projects, from one portal, combing the internet for funding opportunities to advance the State’s sustainability objectives.

US EPA’s Location Efficiency Calculator

Assesses travel behavior, GHG emissions, and related environmental impacts that can occur at different facility locations.

Recognizes the significance of employee commutes as part of a facility’s environmental footprint.

Generates discussions on the role of facility siting in promoting choice, convenience and reduced energy use.
FOR MORE INFORMATION CONTACT:

LIZ GRASSI
(916) 327-5362
Elizabeth.Grassi@SGC.CA.GOV