

CLIMATE ACTION PLAN



CITY OF SACRAMENTO
creating a sustainable city

Policy Background

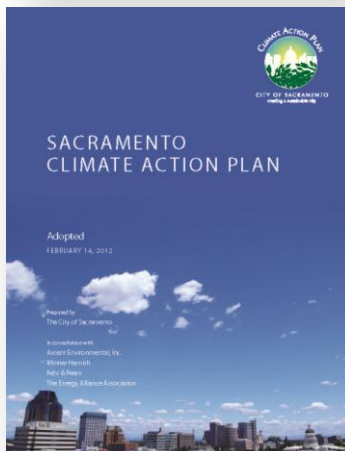
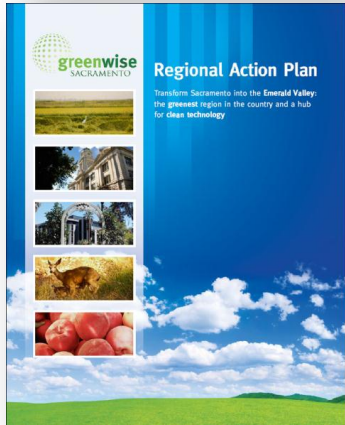
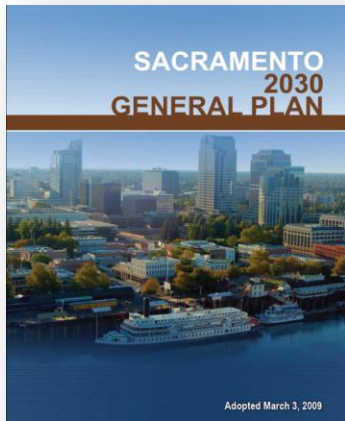
Sustainability Master Plan (2007)

2030 General Plan (2009)

Greenwise Regional Action Plan (2010)

Climate Action Plan

- Operations (2010)
- Community (2012)





Energy Efficiency & Conservation

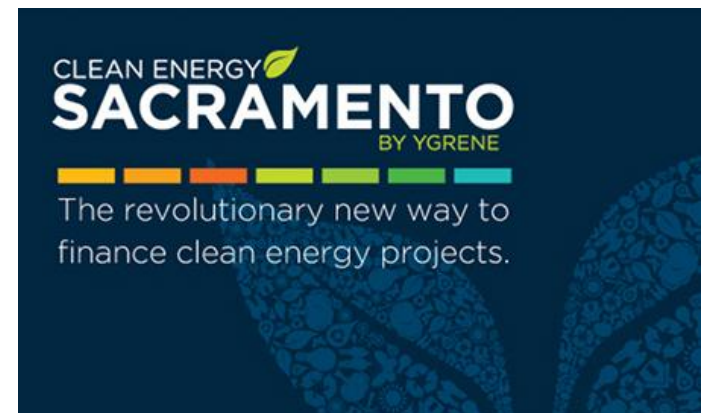
➤ City Facilities: Energy Retrofits

- 10 projects since 2010
- \$1.9 million EECEBG + revolving loan
- 36%-50% energy savings per facility



➤ Clean Energy Sacramento

- PACE Financing Program
- Ygrene Energy Fund
- \$100 million investment
- 1,500 jobs in 5 years
- 2012 Green Leadership Award
- Launching in 2012





Water & Wastewater Systems

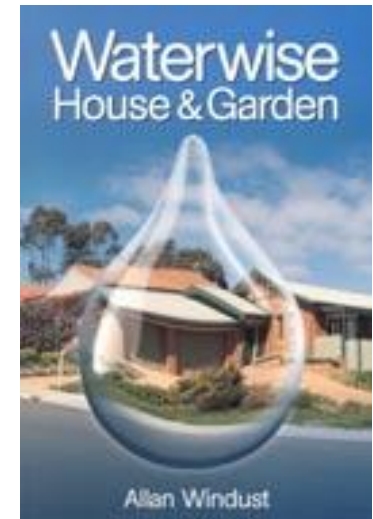
➤ AMI Leak Investigation Program

- 1,000 field leak investigations in 2010-2011
- Water Wise House Call follow-up
- 236 million gallons per year saved



➤ Water Wise Demonstration Garden

- Natives & drought-tolerant species
- Low-volume irrigation
- Educational signage, open to public
- 44% more efficient than previous landscaping





Green Building



➤ LEED Silver Standard (City Bldgs)

- Adopted in 2004
- 6 new facilities certified since 2005
- All >20% than Title 24 Energy Code
- 2011 Green Leadership Award



➤ Streamline Sacramento

- Online / E-Permitting
- Solar Permit Fees & Guidance
- CALGreen implementation
- Best practices, communication



Waste Reduction & Recycling



▶ Green Yard Waste Program

- 85% of customers using green bins
- Moving towards mandatory
- Composting, mulch
- Future green waste-to-energy?



▶ Multi-Family Recycling Ordinance

- Mandatory recycling
- Buildings/Complexes with 5 units +
- Solid Waste Authority (City/County)
- Rental Housing Association



Climate-Friendly Purchasing

➤ Sustainable Purchasing Policy



- Adopted in 2010
- Recycled paper & postconsumer content
- No bottled water!
- Green cleaning & janitorial supplies
- EnergyStar & water-saving fixtures/appliances



➤ Green Info Technology (Green IT)

- Data center upgrades
- Energy Star computer replacement program
- Server virtualization & data storage
- Remote power management



Renewables & Low-Carbon Fuels

➤ Solar Power Purchase Agreement (PPA)

- 3.4 MW by end of 2012
- 6 locations (parking lots & rooftops)
- Annual energy generation can power over 500 homes



➤ City Fleet - Alternative Fuels

- LNG refuse collection trucks
- E-85 ethanol police cruisers
- Plug-In Hybrid EV Pilot Program
- Electric Bicycle Pilot Program
- 7th best Green Gov't Fleet in U.S.





Efficient Transportation

➤ City Fleet – Telemetrics

- GPS Technology + integrated vehicle system monitoring
- Cuts fuel usage up to 25%
- Full implementation by 2020



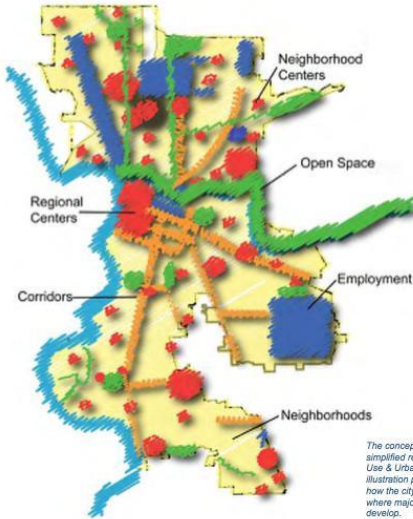
➤ Complete Streets

- Bikeway & Pedestrian Master Planning
- Safe Routes to School
- “Green Streets” pilot





Land Use & Community Design



➤ 2030 General Plan + Sustainable Communities Strategy (SB 375)

- Infill-focus (2/3 of planned growth)
- Transit, bike & ped orientation
- Harmonizing land use & urban design

➤ Green Development Code Update

- Flexible Parking Standards
- Low-Impact Dev. Standards (LID)
- Renewables, Energy Efficiency
- Efficient Review Process for Smart Growth & Infill





Open Space & Offsets



➤ Urban Forest Services

- Maintenance & Replacement
- Tree planting : 2,200 net increase/year
- Tree inventory & asset management (over 100,000)
- SMUD and Sac Tree Foundation: Shade Trees

➤ City Facilities: “Greenenergy” and Carbon Offsets

- Over 750,000 kWh/year in Greenenergy
- Sac Zoo: 100% offsets for all operations



Promoting Community & Individual Action



➤ Sacramento Area Climate Partnership

- County-wide GHG inventory (Sac County + 6 cities)
- Regional GHG reduction measures analysis
- Best Practices, Info-Sharing
- Quarterly meetings



➤ Cool California Challenge

- Competition between cities (2012-2013)
- Points & prizes for energy & transportation GHG reductions
- On-line, real-time feedback, social media & small group engagement
- Coolcalifornia.org/community-challenge

THANK YOU!



Erik de Kok
Senior Planner
City of Sacramento
(916) 808-2022



Email: edekok@cityofsacramento.org

CAP info: www.sacgp.org/cap.html

Cool Sacramento: www.facebook.com/CoolSacramento