





CLIMATE ACTION PLAN
COUNTY OF SAN LUIS OBISPO

CREATING
OUR LEGACY.
SUSTAINING
OUR RESOURCES.

**Statewide Energy Efficiency
Best Practices Forum**

July 28, 2011 San Jose, California

SAN LUIS OBISPO COUNTY DEPARTMENT OF PLANNING AND BUILDING



SLO County EnergyWise Plan

San Luis Obispo County

- **Total Population – 270,000**
- **Unincorporated – 108,000**
- **Rural Population – 43,000**
- **Coast is more progressive than interior**
- **3-2 Board majority swing past 20 years**






SLO County EnergyWise Plan




SLO County

SLO County EnergyWise Plan

- **Lessons Learned**
 - **What we did right**
 - **What we should have done**
- **Implementation**
- **Adaptation and Mitigation**





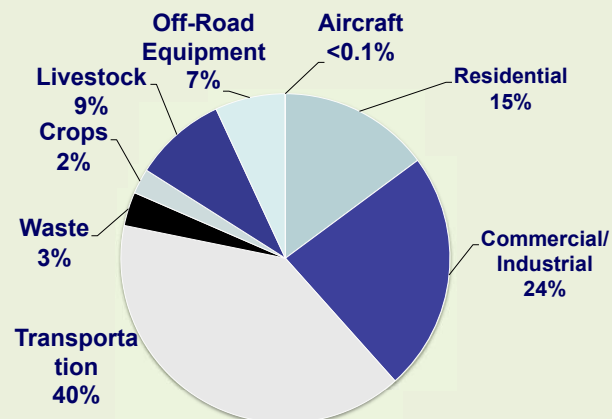
Who's involved?

- County staff and consultant team
- With assistance and participation from:
 - County Green Team
 - Community Members & Business Owners
 - Other Public Agencies
 - Local Utility Providers
 - Advisory Councils and Boards
 - Local Non-Governmental Organizations.
 - Planning Commission & Board of Supervisors



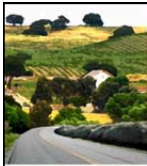
2006 Baseline GHG Inventory

Total:
917,710
CO₂eMT

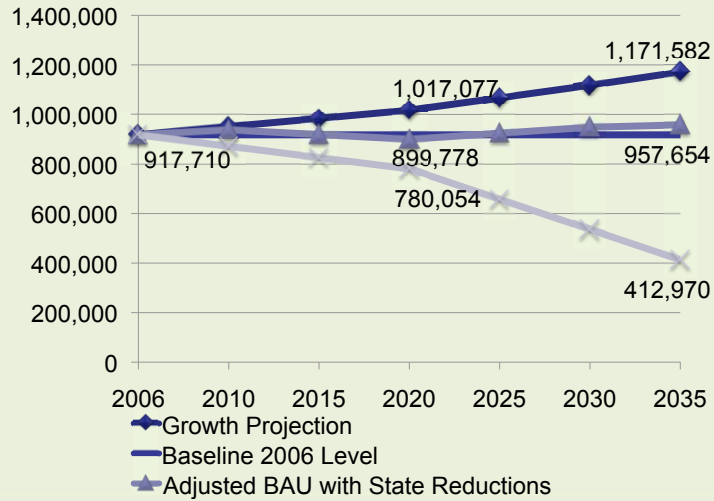


Community Wide Emissions





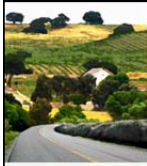
Forecast & Establish Targets



Contents of the EnergyWise Plan

- Communitywide and County Operations reduction measures for:
 - Energy
 - Waste
 - Other
 - Transportation
 - Agriculture
- Feasibility Assessment (Benefits/costs)
- Adaptation Measures
- Implementation Program





Reduction Strategies

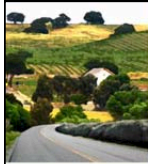
- Develop an energy efficiency financing program
- Require all residential properties that are greater than 10 years old to provide a certified energy audit
- Implement a residential and commercial energy conservation ordinance.
- **Work with local utility providers to implement smart grid technology in new and existing residential and nonresidential properties.**



Reduction Strategies

- Pursue a comprehensive community tree program for planting and maintaining trees on County-maintained roads, medians, and public parking lots.





SLO County EnergyWise Plan

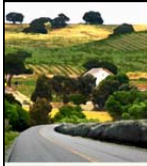
The County/City needs to set the example



County Operations

- Reduce energy use in County facilities
- Personal heating and cooling devices
- Reduce computer energy use
- Develop green building operation
- Enlist CM/CAO
- Find allies (e.g. parks, library)





SLO County EnergyWise Plan

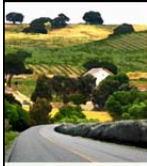
Lessons Learned/Pitfalls



Lesson Learned/Pitfalls

- Branding
 - Make it about several things
 - Title
 - Interesting/understandable format
 - Marginalia
- Sell it!















What We Did Right

SLO County EnergyWise

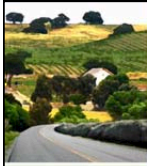
“Designing Energy and Climate Solutions for the Future”



Co-Benefits

	Conserves Energy		Improves Air Quality
	Promotes Equity		Improves Public Health
	Supports Local Economy		Reduces Water Use
	Improves Mobility		Provides Educational Opportunities
	Provides Monetary Savings		Implements State Policy





Lesson Learned/Pitfalls

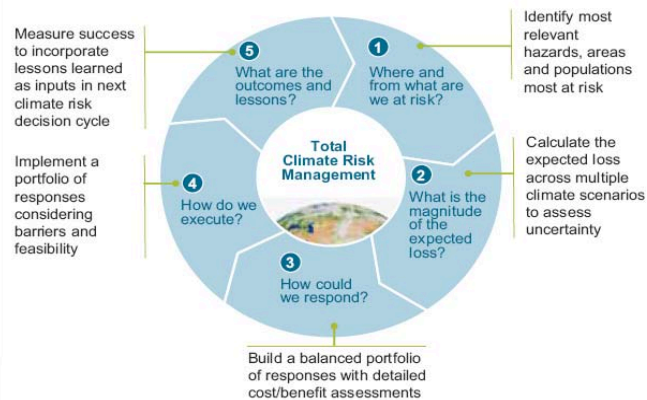
- Adequate staffing
- Target building industry
- Include all agriculture sectors
- Start even earlier
- Taking the show on the road
- Propane?

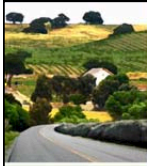


Adaptation

A framework for assessing and addressing total climate risk

04





Mitigation and Adaption

Differences between adaptation strategies and mitigation measures:

- The IPCC Fourth Assessment Report defines mitigation and adaptation as follows:
- Mitigation – Implementing policies to reduce greenhouse gas emissions and enhance sinks.
- Adaptation – Initiatives and measures to reduce the vulnerability of natural and human systems against actual or expected climate change effects.



Mitigation and Adaption

Local Hazard Mitigation Plan (LHMP):

- Vulnerability assessment
- Update fire risk mapping
- Monitor sea level rise
- Protect coastal infrastructure





SLO County EnergyWise Plan

Implementation

- **Quantified/Unquantified**
- **Includes progress indicators**
- **County/Community Costs**
- **Timeframe**
- **Responsible agencies**



SLO County EnergyWise Plan

Status

- **Public hearing draft to be released**
- **EIR Addendum**
- **Comments on first draft**
- **Budget**
- **Smart Meters**





Budget

- \$30,000 - Traffic Engineer
- \$10,000 - EIR Addendum
- \$36,000 – Public engagement
- \$11,000 – LGC Adaptation Workshops
- \$8,000 – Schools program (partner with APCD)
- \$5500 - Adaptation



SLO County EnergyWise

The SLO County EnergyWise Plan is available for public review:

www.sloplanning.org

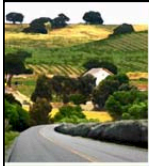
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SLO County EnergyWise Plan

Questions?

