





**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**





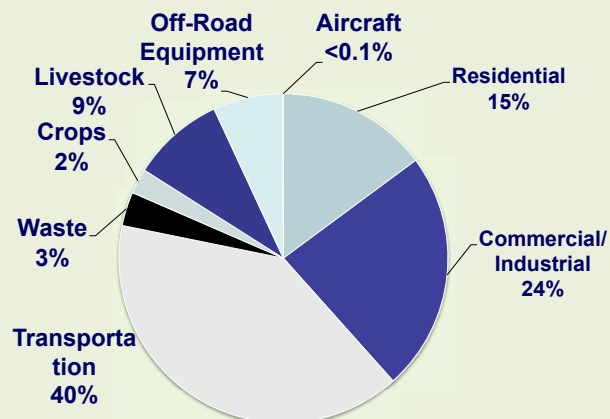
## Who's involved?

- 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**  
**CO<sub>2</sub>eMT**

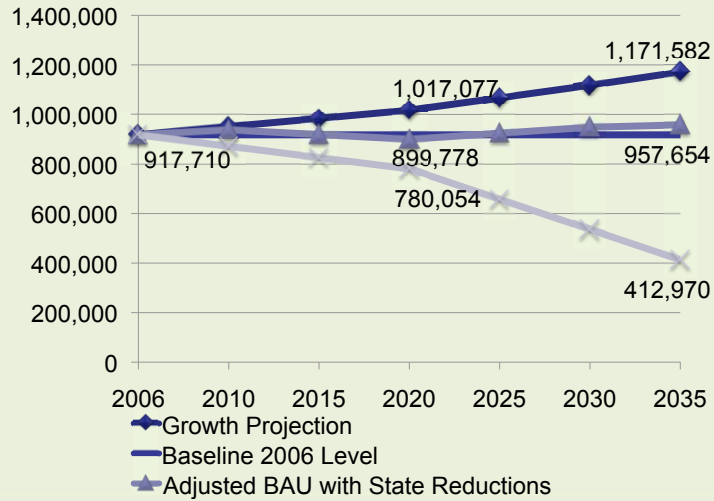


**Community Wide Emissions**





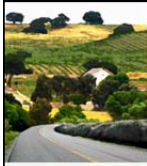
## Forecast & Establish Targets



## 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

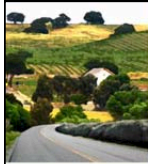
- Develop an energy efficiency financing program
- Require all residential properties that are greater than 10 years old to provide a certified energy audit
- Implement a residential and commercial energy conservation ordinance.
- **Work with local utility providers to implement smart grid technology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



## Reduction Strategies

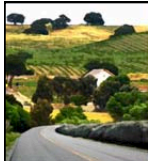
- Pursue a comprehensive community tree program for planting and maintaining trees on County-maintained roads, medians, and public parking lots.





## SLO County EnergyWise Plan

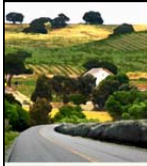
**The County/City needs to set the example**



## 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

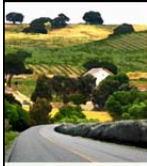
### Lessons Learned/Pitfalls



### 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”

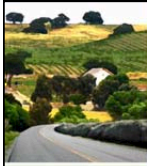


# Co-Benefits

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







## Lesson Learned/Pitfalls

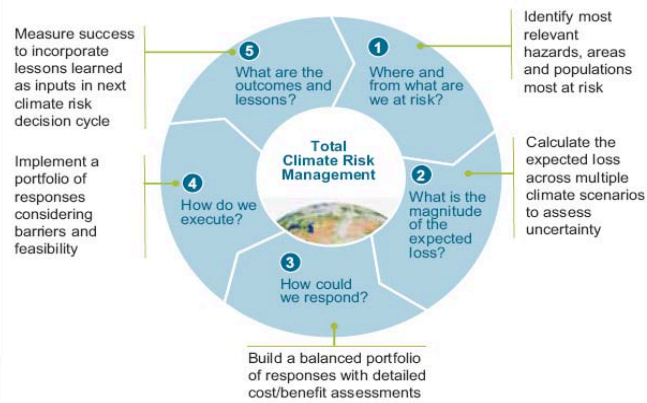
- Adequate staffing
- Target building industry
- Include all agriculture sectors
- Start even earlier
- Taking the show on the road
- Propane?

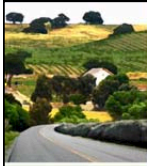


## Adaptation

### A framework for assessing and addressing total climate risk

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## 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](http://www.sloplanning.org)

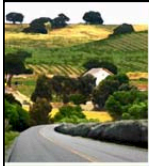
James Caruso

Senior Planner

Department of Planning and Building

[jcaruso@co.slo.ca.us](mailto:jcaruso@co.slo.ca.us)





## **SLO County EnergyWise Plan**

**Questions?**

