Valley Infrastructure At Risk From Climate Change

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What is At Risk?

- Transportation
- Energy
- Buildings
- Open Space
Recommended Infrastructure Strategies to Mitigate Climate Change

- Increase infrastructure maintenance and improvement.
- Conserve water and promote efficiency technology.
- Support public transit.
- Preserve open space and avoid conversion to sprawl development.
- Retrofit existing buildings for energy and water efficiency.

Increase Infrastructure Maintenance and Improvement

- Implementation mechanisms:
  - Follow the State plan using public purpose and various funding sources.
  - Implement at local level through a mechanism that is coordinated among appropriate parties.
Conserve Water and Promote Efficiency Technology

• Implement climate appropriate agriculture and landscape vegetation and water demand reduction.
• Maintain water supply through various means (legislation, regulation, etc.).
• Employ integrated demand-side management.
  – Install water meters, change water pricing to reflect true cost.

Support Public Transit

• Facilitate the use of alternative fuel vehicles and infrastructure.
• Implement livable community design principles.
• Undertake coordinated land use through General Plan updates, zoning codes/ordinances.
• Prioritize funding for transit.
• Develop public education programs for transit and alternative fuel vehicles.
Preserve Open Space and Avoid Sprawl

• Increase use of conservation easements.
• Purchase development rights.
• Support preservation of the Williamson Act.

Retrofit Existing Buildings

• Enforce existing building codes.
• Construct “green” buildings.
• Use incentive programs to encourage energy efficiency retrofits.
• Adopt a residential energy conservation ordinance.
Questions?