



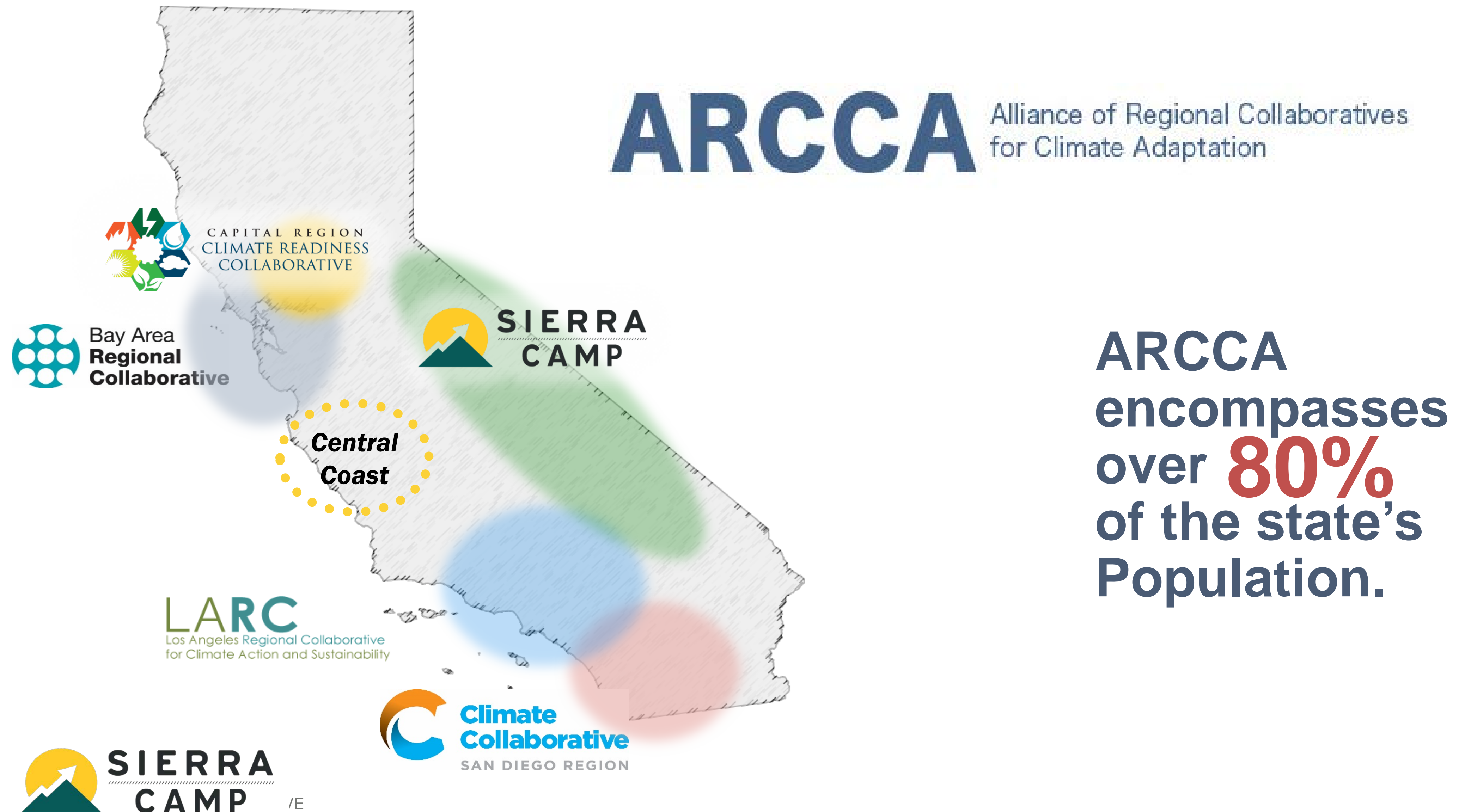
California's 4th Climate Assessment

National Academy of Sciences

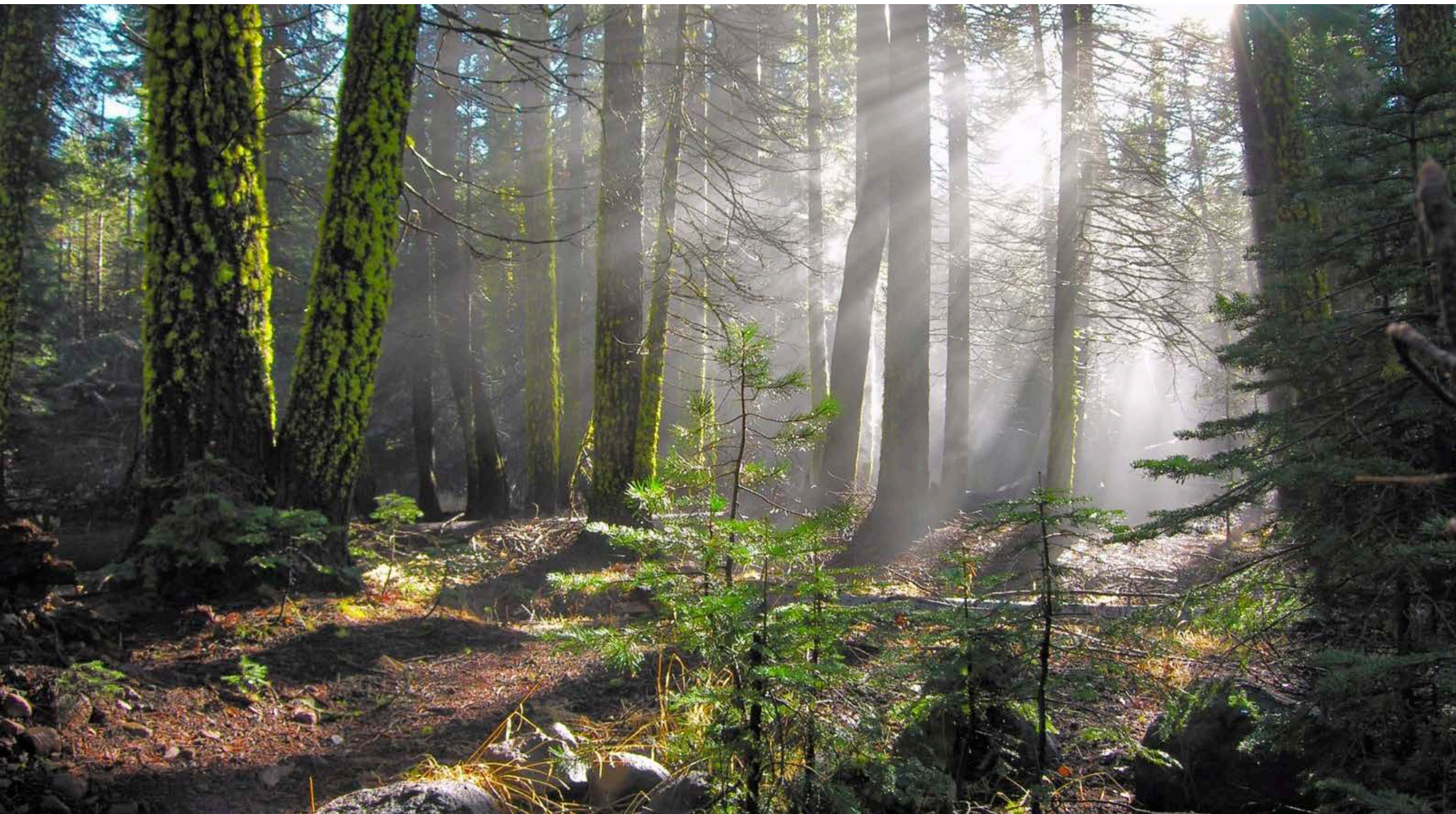
August 14, 2018

Steven Frisch, Sierra Business Council

BUILDING URBAN – RURAL CONNECTIONS



Sierra Climate Adaptation & Mitigation Partnership



A partnership of Sierra organizations, businesses & local governments promoting climate adaptation & mitigation strategies across the Sierra.

What we do:

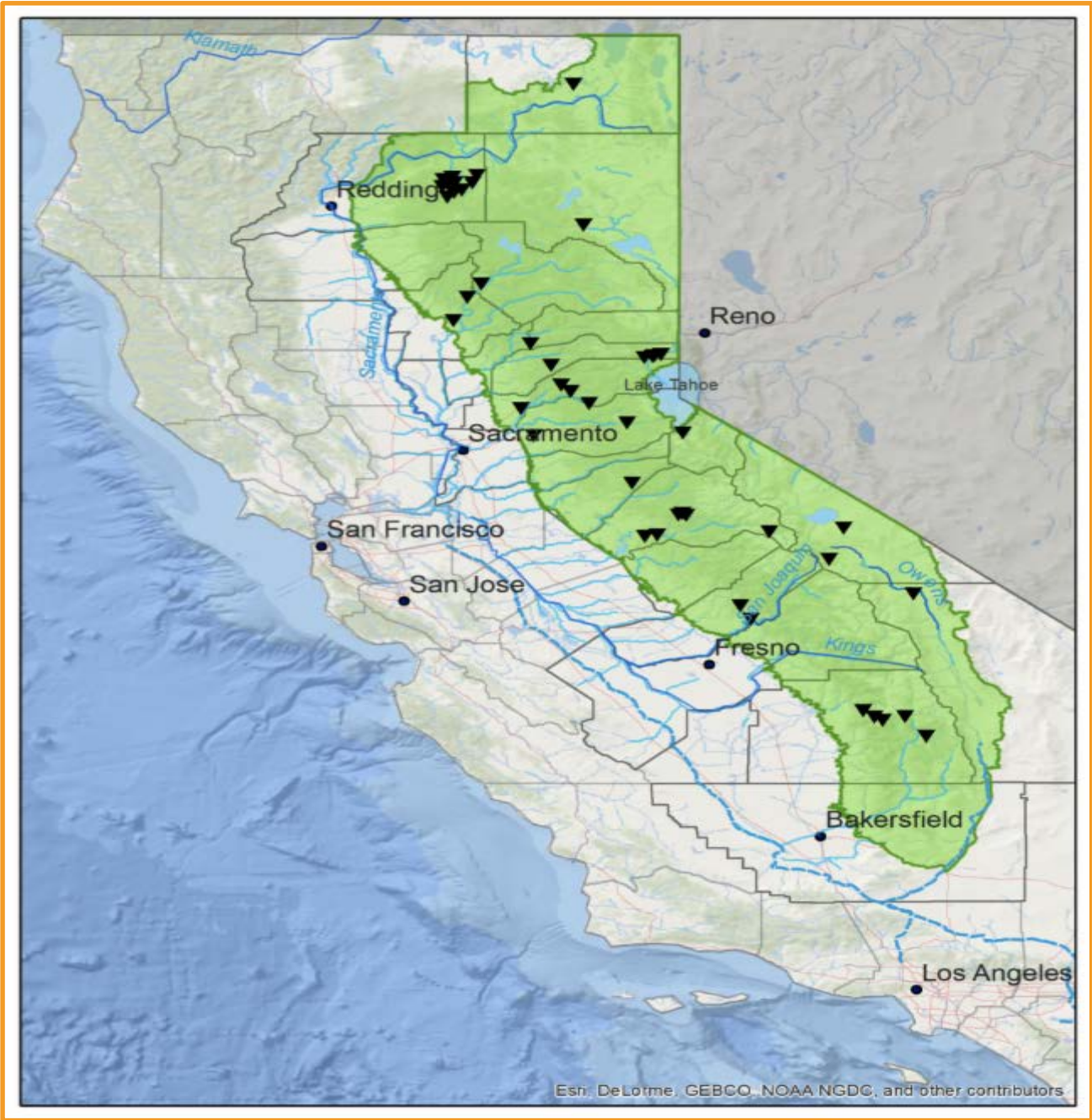
1. Educate Sierra leaders on California climate policy
2. Convene Sierra leaders to vet policy solutions
3. Build understanding, support and investment from urban California via ARCCA
4. Catalyze on-the-ground climate demonstration projects

Sierra CAMP gets our region a seat at the table.

CLIMATE RESEARCH & ANALYSIS

Fact Sheet: Local Government
Climate Adaptation Funding


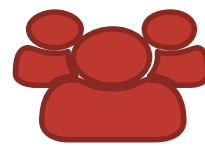

White Paper: Policy Recommendations for 2017 Update of
Safeguarding California: Reducing Climate Risk



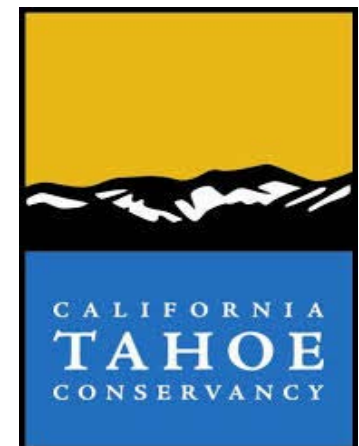
Priority
Integrated Watershed Investment
Forest Restoration
Regional Economic Development
Preparedness and Public Health
Structural Recommendations

<http://www.sbcsierracamp.org/analysis/>

POLICY ENGAGEMENT

POLICIES		TACTICS	
● AB 32 / SB 32			Host Sierra workshops with State policymakers
● Cap-and-Trade Funding			Convene Regional Focus Groups
● CARB Scoping Plan			
● 4 th Climate Assessment			Synthesize Sierra needs and opportunities to inform parallel advocacy efforts
● Water Bonds			

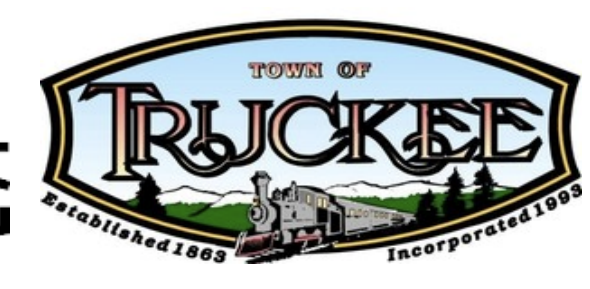
MEMBERS



Rosemarie Smallcombe,
Mariposa County Supervisor



Scott Warner,
Hydrogeologist



Kelly Cruce, Spatial Informatics Group and Georgetown Climate Center

Susi Lippuner,
Community Member



Karen Ferrell-Ingram,
Land Conservation Specialist



Garry Bowen, Tahoe Future Forum



SIERRA NEVADA ALLIANCE



How can the community learn more about climatic effects and risks specific to the area?

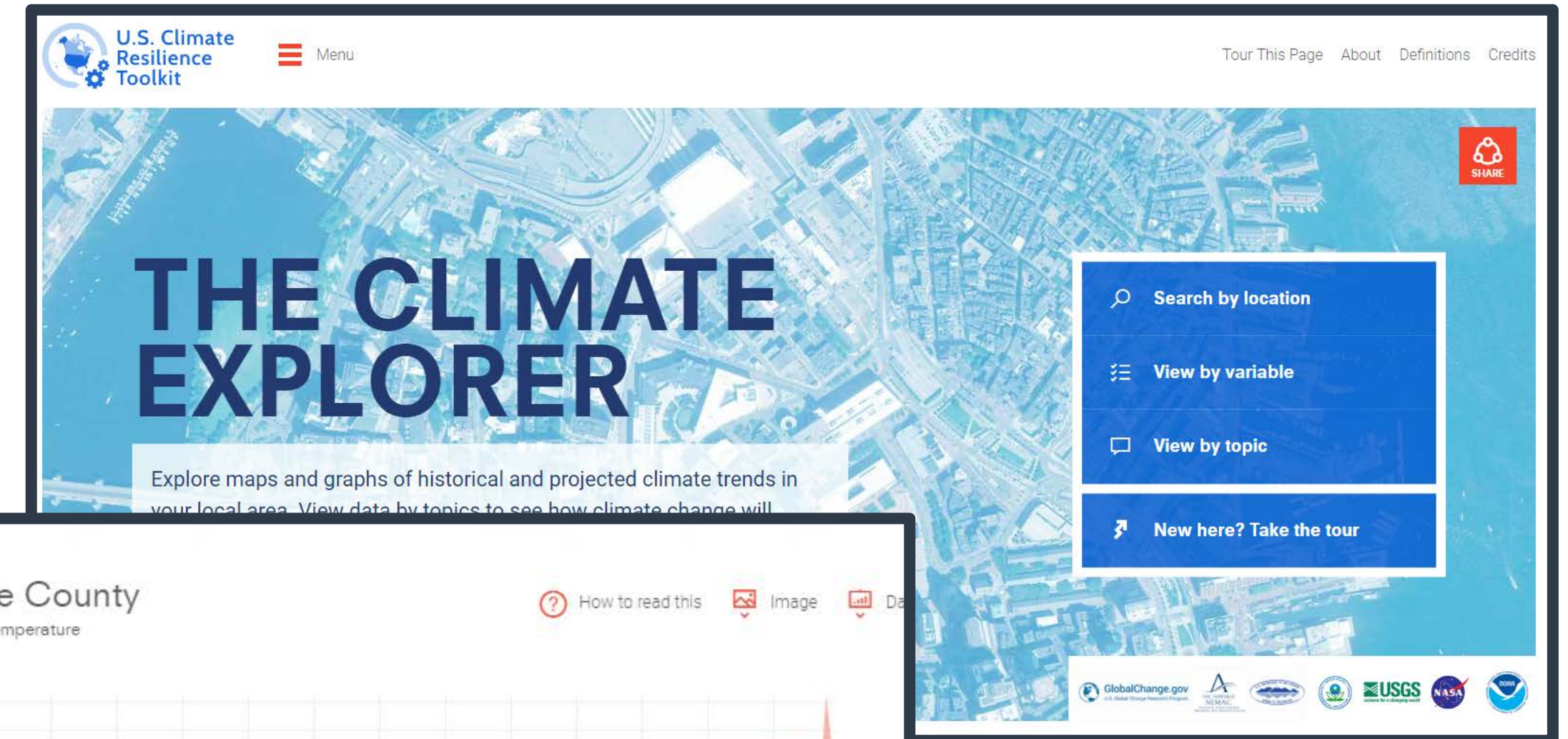
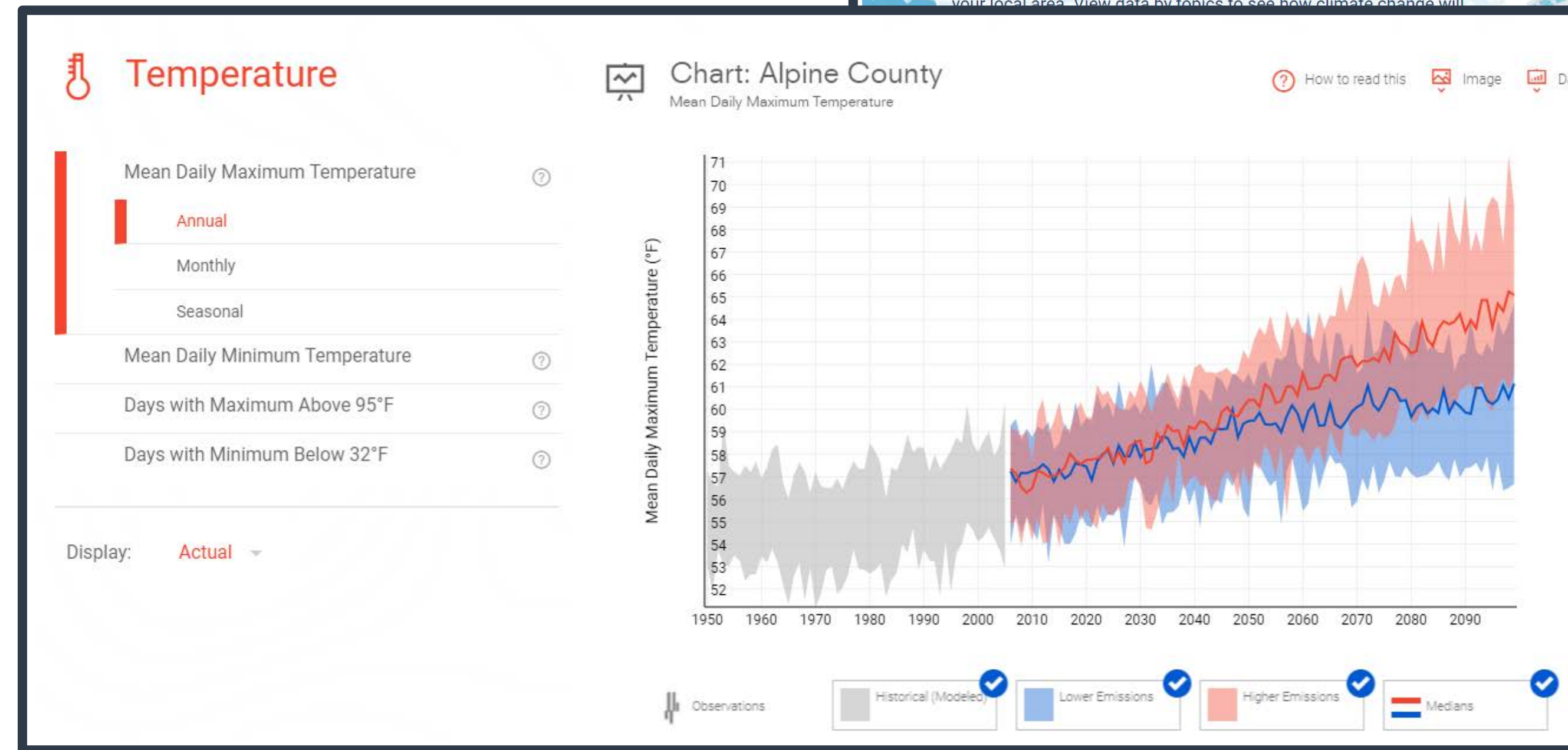
1. Sierra CAMP Climate Effects page
2. Cal-Adapt
3. Local Briefing
4. Project Design



<http://cal-adapt.org/>

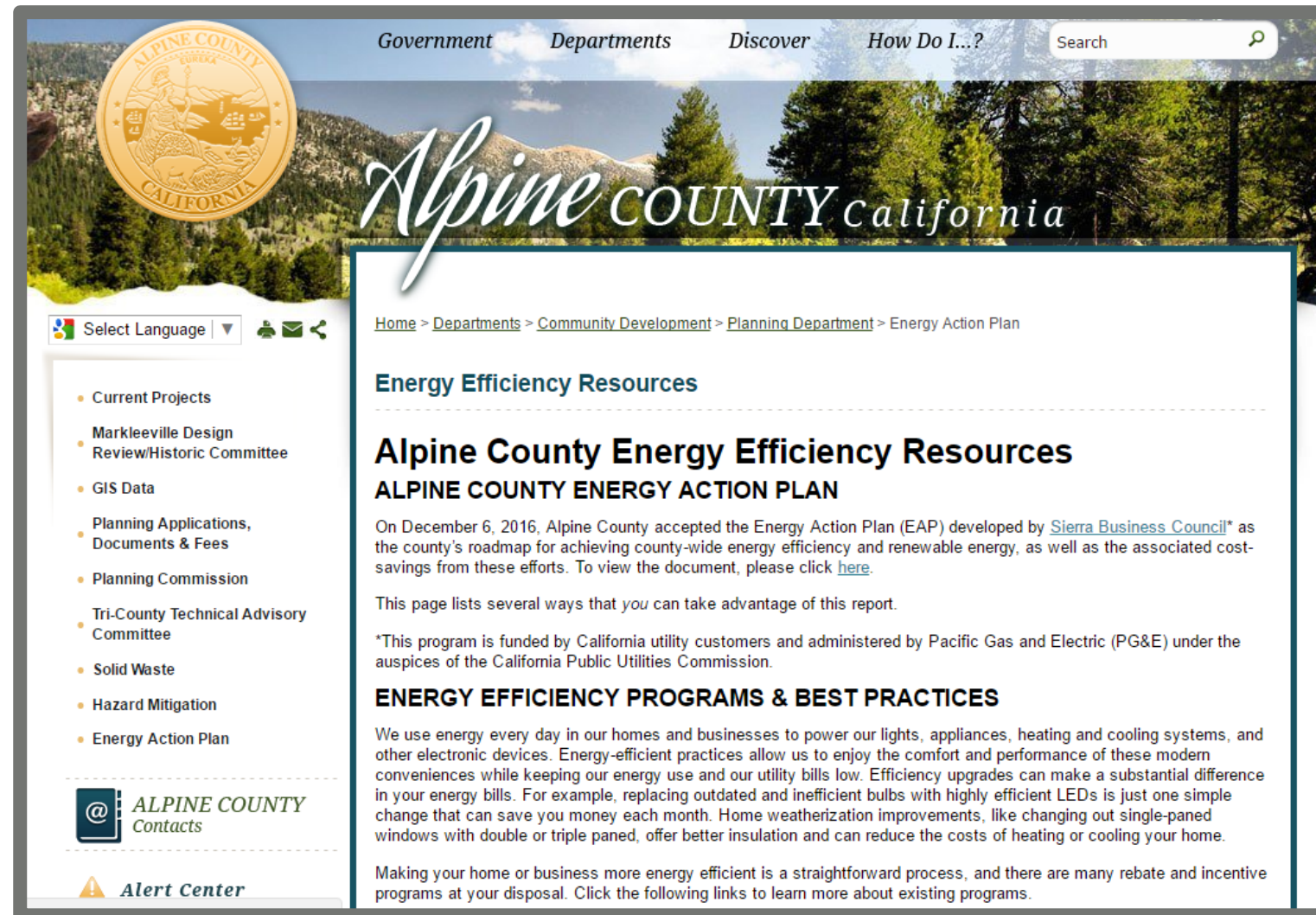
How can the County learn more about climatic effects and risks specific to the area?

1. Sierra CAMP Climate Effects page
2. Cal-Adapt
3. NOAA Climate Explorer



<https://toolkit.climate.gov/climate-explorer2/>

Local Action Plan Implementation



Accomplishments:

1. Climate Readiness Working Group
2. Risk Assessment
3. Online resource database
4. Quick Start assessment
5. Grant/match funding research
6. Program design
7. Staff training
8. Implementation
9. Climate Adaptation Plan



Wildfire Adaptation Strategies

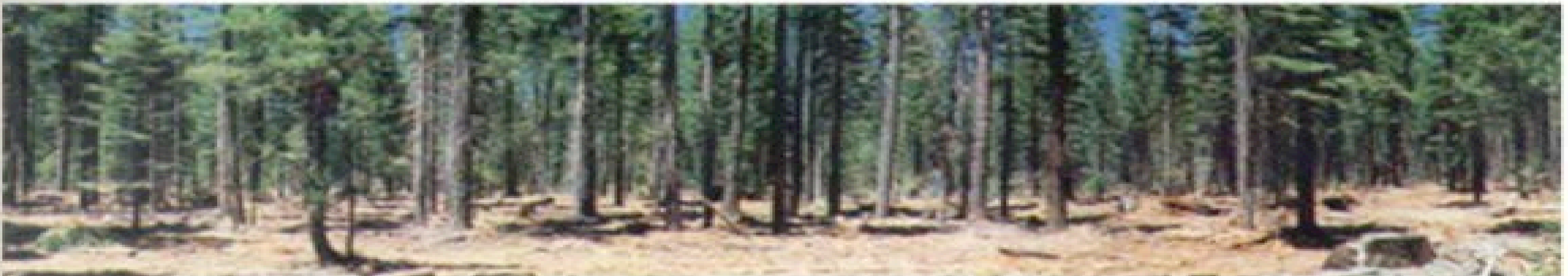


Forest Health = Removing Biomass

Before treatment



After treatment



Building the Bio Economy



VS

Electricity & Steam

Biochar & Ash

Lumber & CL Timber

Organic Chemicals

Cellulosic material

Wildfire Adaptation Strategies—Business Resilience Initiative





THANK YOU. QUESTIONS?

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