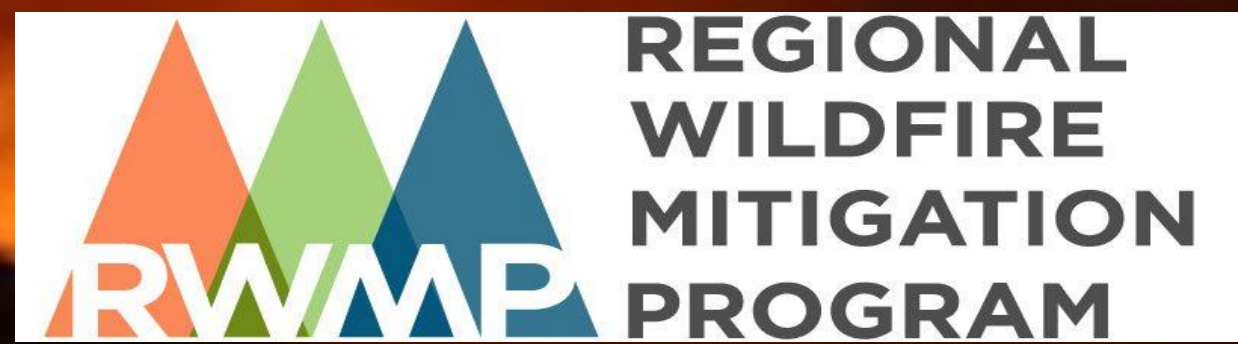


From Theory to Practice: Action-Based Framework for Building a Wildfire Resilient Community



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New Wildfire Mitigation Need/Abstract

Fuel breaks and Community Wildfire Protection Plans (CWPPs) have been the main mechanisms to reduce wildfire risk. While this approach can reduce fire hazard in specific locations under certain weather conditions and engage local residents, there are a variety of vulnerabilities that are not directly addressed. A more comprehensive approach is needed – *one that facilitates climate change adaptation and future resilience* – to collaboratively mitigate multiple fire-related risks. A Regional Wildfire Mitigation Program (RWMP), expanding on traditional approaches to wildfire protection, is a key step in this direction. Coastal Santa Barbara County has been the pilot for this novel program.

Regional Wildfire Mitigation Program (RWMP)

Vision: Wildfire resilient communities.

Overview: Provide a **framework** for a **focal organization** to **facilitate** a **collaborative** and **holistic approach** to wildfire resilience through **built environment, landscape, and community programming**

RWMP Goals

Goal: Conserve and expand vegetated greenbelt areas that protect communities from wildfire.



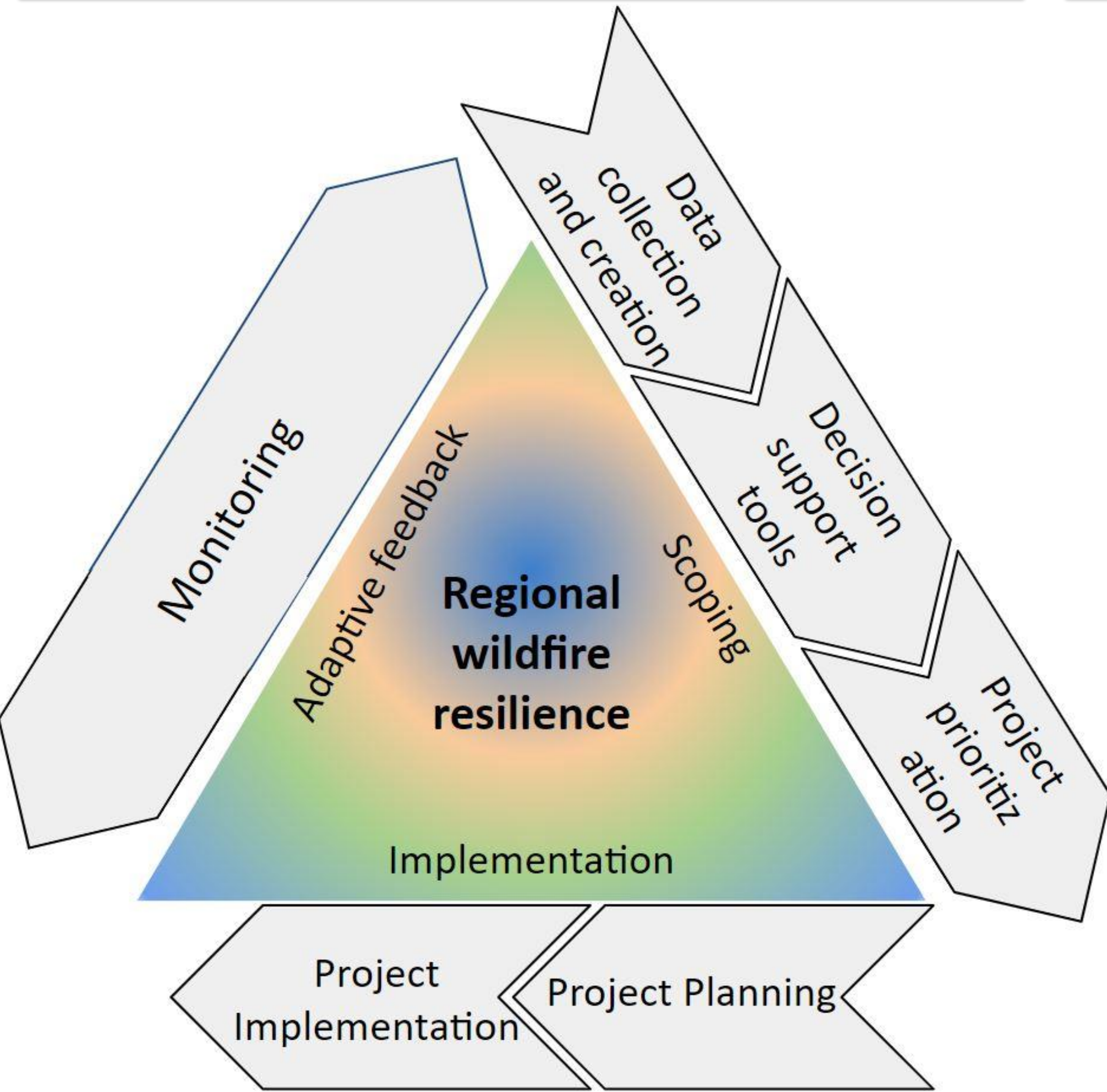
Goal: Assess infrastructure and local policies to make recommendations to reduce vulnerability.



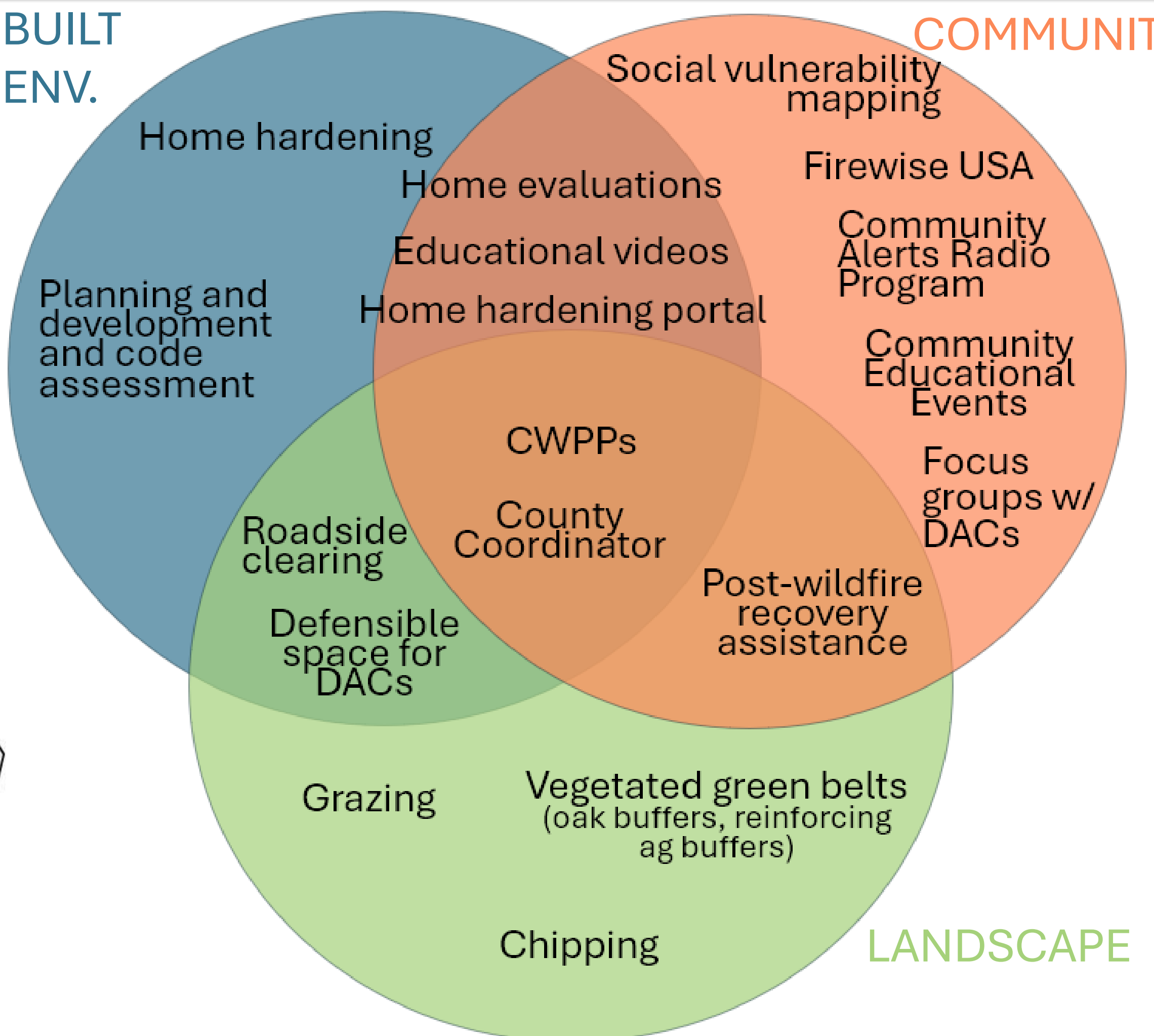
Goal: Equitably increase community capacity to prepare, respond, and recover from wildfire through education and community organizing.



RWMP Framework



RWMP Programs in SB

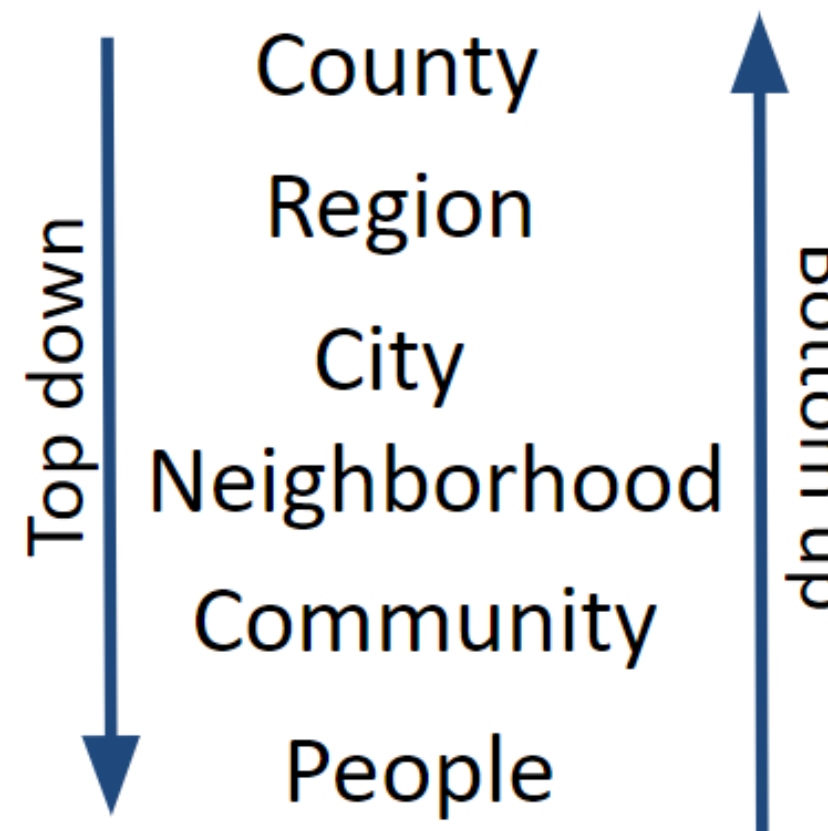


RWMP Roadmap Tool

Potential Threat/Loss	Risk Analysis	Data Needs	Potential Mitigation Actions
WUI breach - existing agriculture	Vitality of key ag buffers (economics, policy, drought, suppression)	Policy changes, ownership, assessment of selling, irrigation	retrofits for water efficiency, recommended drought resistant, varieties, lobbying
WUI breach - green/open spaces	Vitality of green/open spaces (temporary refuge, drought, suppression)	size, location, live fuel moisture, policy changes	prune and maintain to increase moisture and reduce fuel lengths; watering retrofits
WUI breach - Unbuffered communities/critical infrastructure	Assessment of buffer gaps	location of current, on-going, and proposed fuel treatments and natural buffers	grazing, shaded oak fuel breaks, fruit trees, thinning, fuel break, park, etc.
etc.	etc.	etc.	etc.

RWMP in Action

- Multiple spatial & temporal scales
- Not stuck in analysis paralysis
- Fluid
 - constantly in multiple phases
 - constantly reassessing
- Build up organizational capacity



Case Study: San Marcos Trout Club



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