

RAMP Advisory Task Group

Meeting #2: Overview of RAMP, Presentations from Partners

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www.scag.ca.gov



White Paper on RAMP



• **Purpose:**

Identify the benefits and challenges of RAMP as a regional strategy, identify ways to support existing programs, consider agencies' roles, identify key questions and information gaps



Outline:

- Executive Summary
- RAMP: An Overview
- The Planning Process
- Partners and Collaborators
- Science and Methods
- Scope and Scale
- Roles and Responsibilities
- Funding and Financing

Regional Advance Mitigation Planning: An Overview



Photo: Caltrans



Photo: Harold Malde, TNC

What is Regional Advance Mitigation?

A science-based approach to identify advance mitigation opportunities to support regional conservation priorities and project delivery.

By considering mitigation development early in the planning process prior to design and permitting phases, proponents can identify higher-quality mitigation opportunities.



RAMP Goal and Outcomes

Expedite project delivery and achieve meaningful conservation outcomes.

- Saves time and money
- Efficient permitting
- Accelerates conservation investments
- Encourages and improves agency communication and coordination



Beach-Stone Lakes Basin

Areas of Focus

Focus, for planning purposes:



But can apply to:



[GreenTech Media](#)

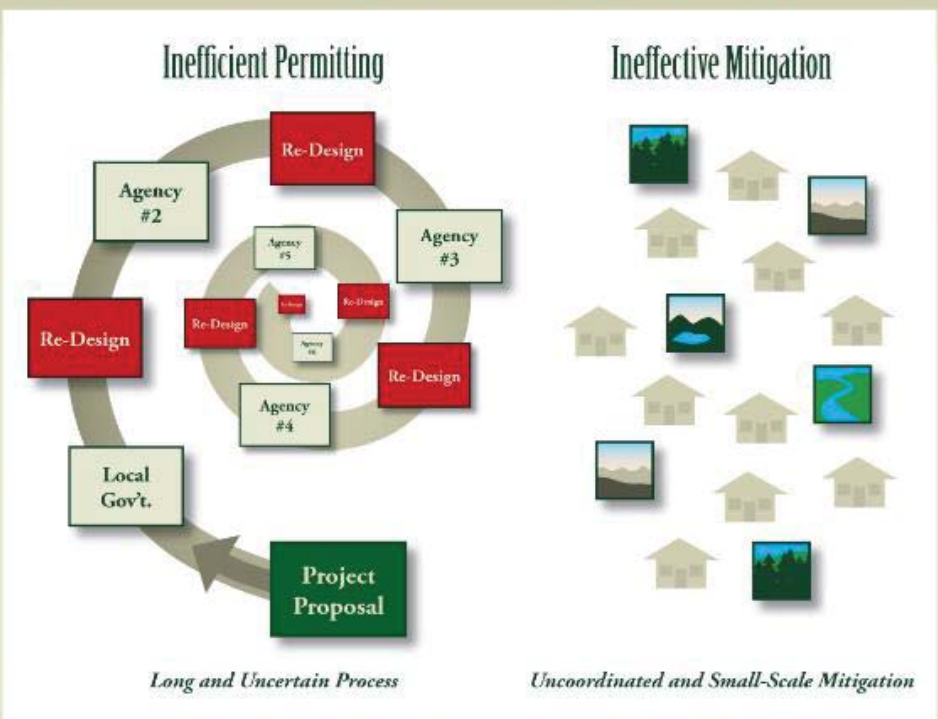


Photo: ACWA



Roger Kisby for the New York Times

The problems with project-by-project permitting:



ICF for East Contra Costa County
Habitat Agency

RAMP: A better way

Project-by-Project

Photo: Shutterstock



Habitat loss, species loss
Permit delays
High costs

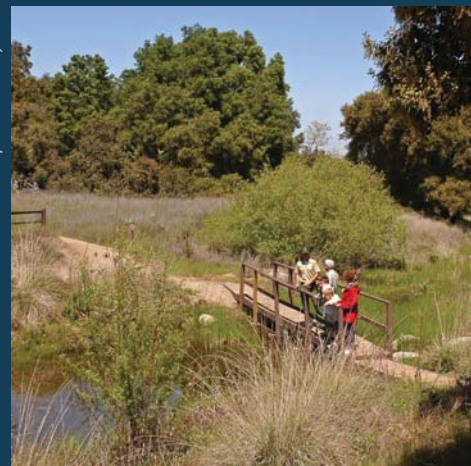
RAMP

Photo: RCTC



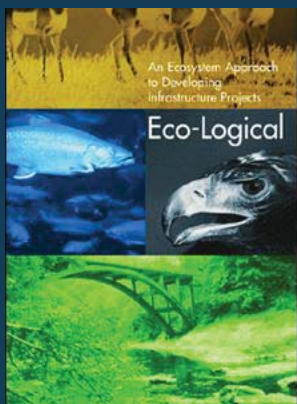
Expedited permits
Certainty and lower risk
Reduced costs

Photo: Stephen Francis, TNC

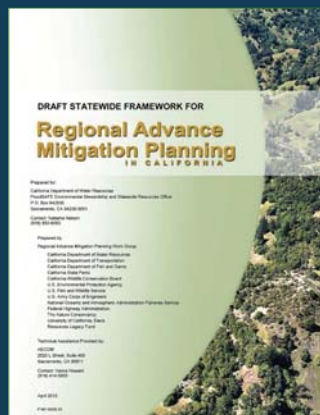


Conservation priorities
Ecosystem and public health
Reduced costs

RAMP: A Best Practice



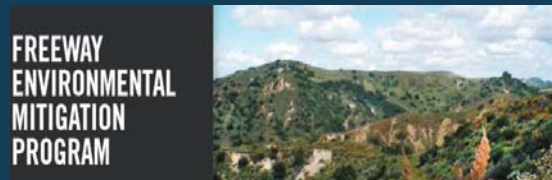
Federal Highway Administration, 2006



State RAMP Workgroup, 2012



2004



2006



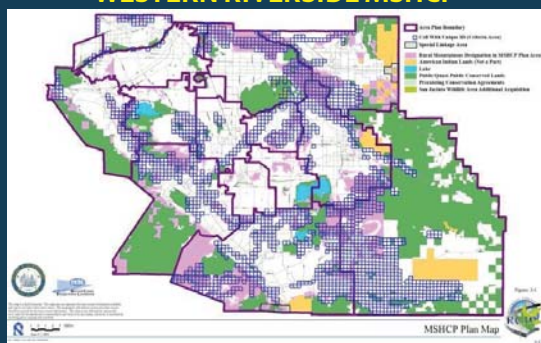
2016

Advance Mitigation Program

IMPROVING ECOLOGICAL & PROJECT DELIVERY OUTCOMES

Habitat Conservation Plans in the SCAG Region

WESTERN RIVERSIDE MSHCP



COACHELLA VALLEY MSHCP/NCCP

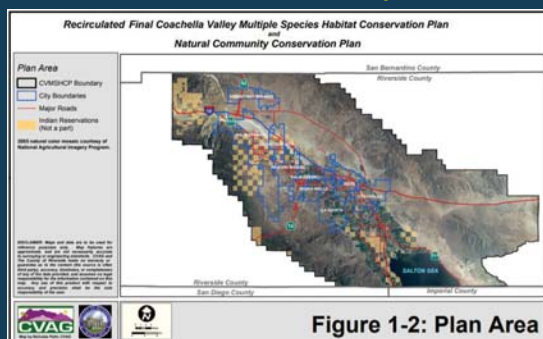


Figure 1-2: Plan Area

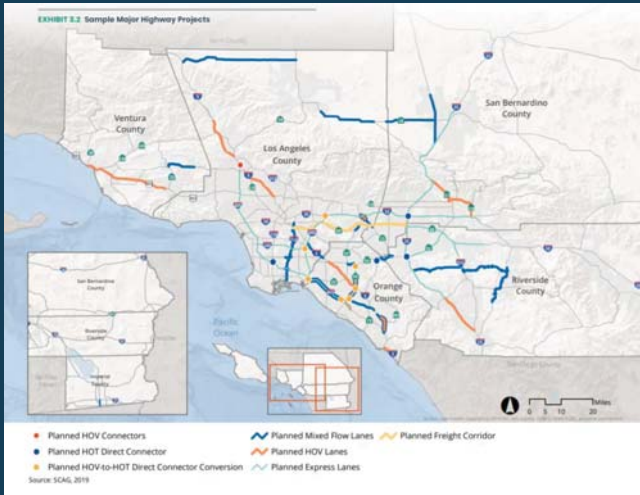
OCTA M2 NCCP/HCP Preserves and Funded Restoration Projects



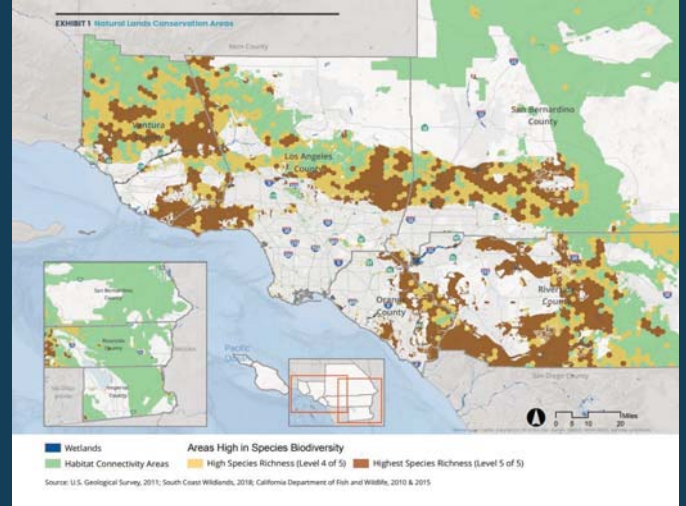
RAMP Planning Process



Planned Infrastructure Projects



Conservation Information



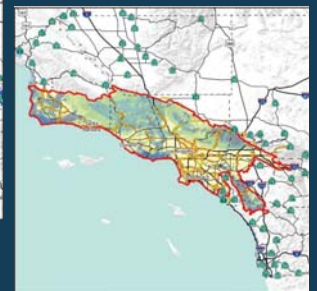
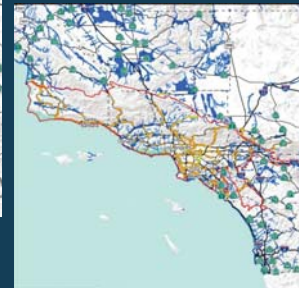
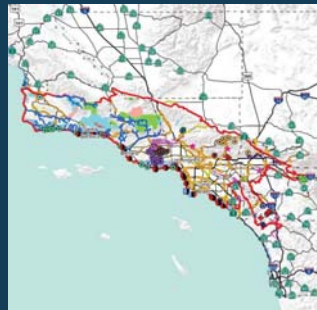
RAMP Planning: A stepwise process



1. Identify Planned Transportation Projects



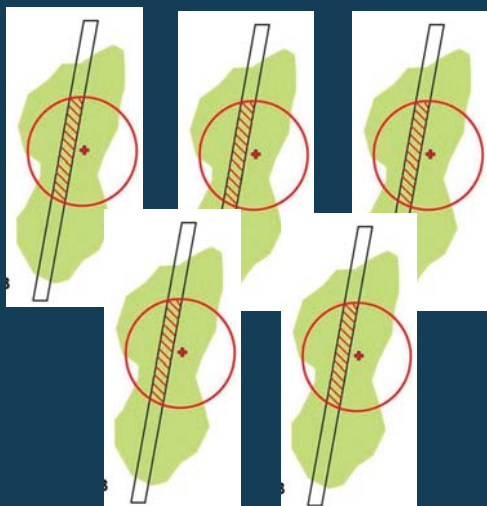
2. Assemble Conservation Information



Courtesy: Caltrans District 7

RAMP Planning: A stepwise process

3. Predict Impacts and Determine Mitigation Needs for Selected Projects



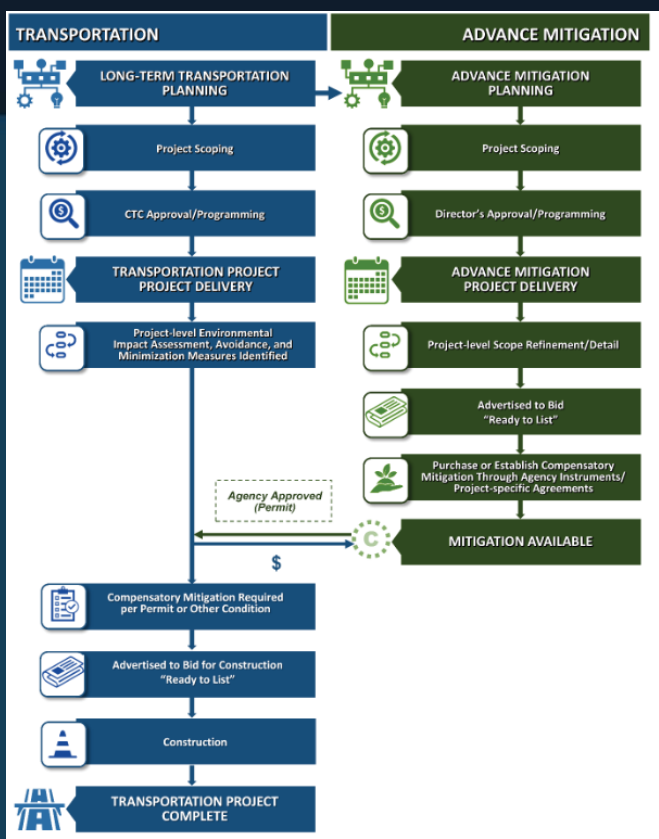
4. Collaborate and identify suitable mitigation sites or existing options



Create mitigation credits by protecting, restoring or enhancing habitat



Participate in existing plans or purchase mitigation credits from existing banks or MCAs



Timing Advance Mitigation with Transportation Project Delivery

Courtesy: Caltrans

Mitigation Framework



RAMP is aligned with regulatory agencies' policies to achieve outcomes

Partners and Collaborators

They need mitigation:



Infrastructure Agencies



Cities



Housing developers



Energy sector

They approve mitigation:



They supply mitigation:



Habitat agencies, mitigation bankers, MCA sponsors

Conservancies, land trusts, open space districts

Planners (city, town, county, tribal):



Thank you!



Photo: USFWS