Welcome to the Environmental Enhancement and Mitigation Program Workshop

- We will begin shortly.
- Please mute your microphone and turn off your video.
- If you have a question or have technical difficulties, please use the chat box.
2022 Environmental Enhancement and Mitigation Program
Agenda

- Funding Availability
- Statutory and Program Requirements
- Evaluation and Scoring
- Project Proposal Submission
- Timeline
- Questions and Answers
Purpose and Authority

**Purpose:** Help mitigate environmental impacts caused by the construction of transportation facilities.

**Authority:** Streets & Highways Code §164.56

**Funding:** Up to $6.7 million each year
2022 Funding

Available
$8.3 million

- Development Projects
  Max $500,000

- Acquisition Projects
  Max $1 million

Match = \( \uparrow \) competitiveness
But NOT REQUIRED
Geographic Distribution

Award Goal:

- Southern - 60%
- Northern - 40%
The endangered Palos Verdes Blue butterfly native to the Palos Verdes Peninsula in Los Angeles County.
Eligible Applicants

Local

State

Federal

501(c)(3) Nonprofits

Applicant = 1 agency
Development = 1 Proposal
Acquisition = ≥ 1 Proposal
One Proposal: Two Projects

**The RTF Project**
Causes negative environmental impacts

**The EEM Project**
Mitigates negative environmental impacts
Examples of RTFs

- Public Street
- Mass Transit Guideway
  - Trains
  - Ports
  - Light rail lines
  - City Streets
  - Airports
- Highway
- Appurtenant Features
  - Park & Ride Facilities
  - HOV Lanes
  - Transit Stations
Eligible RTF Projects

- **Existing facilities**
  - Where construction started after January 1, 1990

  **OR**

- **Facilities not yet under construction**
  - Where the project is fully funded
  - And included in an adopted STIP or in a locally adopted RTIP and a Certified Capital Outlay Program

  **AND**

- CEQA Complete
The RTF cannot be

- Maintenance
  - pavement resurfacing
  - painting bridges
  - replanting

- Mitigation
  - sound walls
  - bike lanes
Relationship between the EEM and RTF

The EEM project mitigates, either directly or indirectly, adverse environmental impacts caused by construction or modification of an RTF.
Adverse Environmental Impacts of RTF
**APPENDIX B - LETTER FROM THE LEAD AGENCY**  
Responsible for CONSTRUCTION OF Related Transportation Facility (RTF)

**This letter is required with each EEM Project Proposal**

Instructions to the Lead Agency responsible for construction of the RTF: The Environmental Enhancement and Mitigation (EEM) Program awards up to $7 million each fiscal year for grants to mitigate the environmental impacts of modified or new public transportation facilities. Please provide a letter describing construction of a new Transportation Facility or modification/enhancement of an existing Transportation Facility.

Send this letter, on Lead Agency stationery, to the Applicant for inclusion in their project proposal package prior to the online submission deadline of 5:00 pm on Friday, March 5, 2021.

Provide the following information about the RTF:

1. Describe the RTF construction or modification or planned construction or modification.
2. What is the location of the RTF?
3. When did the RTF construction or modification begin? When was it completed?
4. What type of Environmental Review was required?
5. When was the Environmental Review completed?
6. Provide State Clearinghouse Number of the completed Environmental Review.
7. Was mitigation required? If so, please describe the type of habitat impacted and list the required mitigation.
8. Have the environmental mitigation measures been started or completed?
9. If the RTF is planned, what is the projected construction start date? Completion date?
10. What is the funding source for the RTF?

Provide the following information about the proposed EEM Project:

11. Name of the EEM Project.
12. Is the EEM Project the required mitigation for the RTF? If yes, please describe how the project mitigates the impacts of the RTF?
13. If Applicant is applying under Mitigation Projects Beyond the Scope of the Lead Agency Category, please provide a statement of occurrence explaining how the ability to effectuate the mitigation or enhancement measures are beyond the scope of the lead agency responsible for assessing the environmental impact of the proposed transportation improvement.
14. Is the proposed EEM project incompatible with the RTF? If so, does it interfere with the operation or safety of the RTF? (please explain.)
15. Does the proposed EEM project limit or interfere with planned or anticipated future improvements to the RTF? (If it interferes, please explain.)
16. Describe any concerns about the proposed EEM project (e.g., design, safety, tree density, other.)
17. Are you aware of another EEM project previously undertaken to mitigate the impact of this RTF? (If you have knowledge of the project, please explain.)
18. Do you have any knowledge why the Applicant would not be able to complete this project?

**Please include:**
- Signature of Transportation Agency Representative, Title, Date Signed
- Name of Transportation Agency
- Contact Information (address, phone, email)

This letter is purely informational and does not indicate support for the proposed EEM project. If the proposed EEM project is on property owned by the Lead Agency, a separate letter of permission must be provided.

Contact the Lead Agency ASAP to allow it sufficient time to prepare a letter!
## Direct or Indirect Mitigation

<table>
<thead>
<tr>
<th>Geographic Location</th>
<th>Direct</th>
<th>Indirect</th>
</tr>
</thead>
<tbody>
<tr>
<td>The EEM project is in the immediate vicinity of the RTF</td>
<td>The EEM project is in the general area of the RTF</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Benefit</th>
<th>Direct</th>
<th>Indirect</th>
</tr>
</thead>
<tbody>
<tr>
<td>The EEM project replaces same habitat to that lost during the RTF’s construction</td>
<td>The EEM project replaces similar habitat to that lost during the RTF’s construction</td>
<td></td>
</tr>
</tbody>
</table>

![Palos Verdes directly on flowers](image)

![Palos Verdes indirectly near flowers](image)
Where to find eligible RTFs

- City or County Transportation Departments
- Regional Transit Agencies
- Metropolitan Transit Authorities
- Councils of Local Governments
- Metropolitan Planning Organizations
- Caltrans District Office

Unlike RTFs, the Palos Verde Blue can only be found in coastal sage scrub on the Palos Verdes peninsula.
In a category all by itself, the Scott Bar Salamander lives in a very small area of the Siskiyou Mountains in extreme northern Siskiyou County near the confluence of the Klamath and Scott Rivers.
EEM Project Categories

- Urban Forestry
- Resource Lands
- Mitigation Beyond the Scope of the Lead Agency
Urban Forestry

Projects to offset vehicular emissions of CO$_2$ through tree and other planting

- Urban streets & medians
- School campuses & urban parks
- Vacant lots & abandoned sites
- Urban creeks restoration
Urban Forestry Example

Peck Road Water Conservation/ Urban Greening Park

Before

After
Resource Lands

Acquisition, restoration, or enhancement

- Wetlands
- Forests
- Meadows
- Coastal Estuaries
- Grazing Land
- Grasslands
- Creeks & Streams
- Wildlife Habitat
- Wildlife Corridors
- Fish Passages
Resource Lands Example - Restoration
North Campus Open Space Coastal Habitat Enhancement

Before

After
Mitigation Projects Beyond the Lead Agency’s Scope

Projects where mitigation or enhancement measures are beyond the lead agency’s ability to effectuate.

Projects must be consistent with the type of projects eligible under the Urban Forestry or Resource Lands categories.
Ineligible Project Examples

- No clear connection between RTF’s impacts and proposed EEM project
- Ineligible RTF’s
- Planning-only or maintenance projects
- Commuter trails
- Trees > 15-gallon included in design
- Development contingent on future acquisition of land
Project Selection Process

A Scott Bar Salamander baby, not a snake.
Three-Step Selection Process

Step One: Project Proposal

Step Two: On-Site Field Visit

Step Three: Supporting Documentation

Funding Awards to Most Competitive Projects
SOAR - System for Online Application Review

https://soar.resources.ca.gov/

The System for Online Application Review (SOAR) allows potential funding recipients to apply for grant and loan funding offered by California Natural Resources Agency.

California Natural Resources Agency (CNRA) is responsible for administering the SOAR system. California Natural Resources Agency Mission: To restore, protect and manage the state's natural, historical and cultural resources for current and future generations using creative approaches and solutions based on science, collaboration and respect for all the communities and interests involved.
Project Evaluation Criteria

General Criteria
- Mitigation and Enhancement (0-15)
- Statewide Project Goals (0-10)
- Other Sources of Funds/Local Cash Contributions (0-5)
- Project Readiness/Organizational Capacity (0-15)

Project Criteria
- Urban Forestry
  - Suitability (0-20)
  - Sustainability (0-20)
  - Cost Effectiveness (0-10)
  - Other Benefits and Community Participation (0-5)
- Resource Lands
  - Resource Value of Lands Lost or Inured by the RTF (0-10)
  - Resource Value of EEM Project Lands (0-20)
  - Sustainability (0-10)
  - Cost Effectiveness (0-10)
  - Other Benefits and Community Participation (0-5)
- Mitigation Project Beyond the Scope of the Lead Agency
  - Suitability (0-5)
  - Elements of Mitigation (0-20)
  - Sustainability (0-15)
  - Cost Effectiveness (0-10)
  - Other Benefits and Community Participation (0-5)
Step 1 – Project Proposal

Cute Sierra Nevada Bighorn lamb.
Step 1: Project Proposal and Attachments

- **Project Summary**
  - List expected project deliverables

- **Project Questions**
  - Do not cut and paste answers
  - If a question doesn’t apply, explain why

- **Attachments**
  - Make sure to upload all required attachments
Step 1 - Project Questions

General
- Mitigation/Enhancement
- Statewide Project Goals
- Other Contributions
- Project Readiness/Organizational Capacity

Project Specific
- Urban Forestry
- Resource Lands
- Mitigation Beyond Scope of Lead Agency
General Criteria – Mitigation/Enhancement

- Describe the RTF
- Adverse Environmental Impacts
- Required Mitigation
General Criteria – Statewide Project Goals

- GHG Emissions Reductions
- Increased Biodiversity
- Expanded State Park System
- Decreased Natural Resource Consumption
- Increased Adaptability to Climate Change
General Criteria - Project Readiness

Development
- Design/Permitting
- Site Control
- CEQA (must be complete at proposal submission)

Acquisitions
- Willing Seller
- Fundraising Needs

May your projects be similarly ready to hit the ground running
General Criteria – Organizational Capacity

- Fiscal Capacity
- Prior Project/Grant Experience

Very organized herd of Nevada Big Horn Sheep
Project-Specific Criteria

Examples:
- Urban Forestry
  - How project will mitigate CO$_2$ emissions created by RTF
- Resource Lands
  - How the resource lands were directly impacted by RTF
- Sustainability
  - Plantings
  - Water Use Efficiencies
Project-Specific Criteria

More Examples:
- Long-Term O&M
- Cost Effectiveness
- Community Participation
- Other Benefits
### Step 1 Required Attachments

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Project Proposal Form Signature Page</td>
</tr>
<tr>
<td>2</td>
<td>Letter from the Lead Agency Responsible for the RTF</td>
</tr>
<tr>
<td>3</td>
<td>CEQA for the EEM Project</td>
</tr>
<tr>
<td>4</td>
<td>Photos</td>
</tr>
<tr>
<td>5</td>
<td>Cost Estimate</td>
</tr>
<tr>
<td>6</td>
<td>Community Engagement Plan</td>
</tr>
<tr>
<td>7</td>
<td>Location Map</td>
</tr>
<tr>
<td>8</td>
<td>Assessor’s Parcel Map</td>
</tr>
<tr>
<td>9</td>
<td>Site Plan (Development) or Willing Seller Letter (Acquisition)</td>
</tr>
</tbody>
</table>
### General Information

The Application is organized into different tabs. Each tab should be completed according to the instructions provided. All tabs should be completed before submitting the Application.

PREVIEW/Submit: Pressing this button will allow you to preview/submit the information entered thus far.

**General Information**

The "General Information" section allows the user to enter a project title, project description, and location information for the project.

#### Project Title

**Enter Project Title here**

(125 characters maximum)

#### Project Description

(1000 character maximum)

#### Project Location

- **Latitude:** 
- **Longitude:**
- **Select a Value:**
- **Estimated Date of Completion:**
- **Project Address (or nearest cross street):**
- **Nearest City/Town:**
- **Co-ordinates Represented:**
- **Co-ordinates Determined Using:**

**Save as Work In Progress** | **Next** | **Preview/Submit**
Cost Estimate - Development

- Show all funding sources
- Do not split line-item costs between grant and other funders
- 25% cap non-construction
- 10% cap contingency
- Double check calculations

<table>
<thead>
<tr>
<th>PROJECT ELEMENTS (Examples)</th>
<th>Total Cost*</th>
<th>EEM Grant</th>
<th>Other Funding Source (Indicate Cash or In-Kind)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NON-CONSTRUCTION (not to exceed 25% of grant)</td>
<td></td>
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<tr>
<td>1.0 Direct Project Management &amp; Administration</td>
<td></td>
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<tr>
<td>1.1 Staff Time</td>
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<tr>
<td>1.2 Technical Consultants</td>
<td></td>
<td></td>
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<tr>
<td>2.0 Planning, Design, &amp; Permitting</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>2.1 Design &amp; Engineering</td>
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<tr>
<td>2.2 Permits</td>
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<tr>
<td>TOTAL NON-CONSTRUCTION (not to exceed 25% of grant)</td>
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<tr>
<td>CONSTRUCTION</td>
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<tr>
<td>3.0 Site Preparation</td>
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<tr>
<td>3.1 Mobilization</td>
<td></td>
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<tr>
<td>3.2 Demolition</td>
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<td></td>
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<tr>
<td>3.3 Grading</td>
<td></td>
<td></td>
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<tr>
<td>4.0 Construction and Materials</td>
<td></td>
<td></td>
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<tr>
<td>4.1 Trees (15-gallon)</td>
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<td></td>
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<tr>
<td>4.2 Plants</td>
<td></td>
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<tr>
<td>4.3 Irrigation</td>
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<tr>
<td>4.4 Funding Acknowledgment Sign (Required)</td>
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<tr>
<td>TOTAL CONSTRUCTION</td>
<td>-</td>
<td>-</td>
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</tr>
<tr>
<td>Contingency (not to exceed 10% of grant)</td>
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</tr>
<tr>
<td>PROJECT GRAND TOTAL</td>
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</tbody>
</table>

*All invoices and receipts for project expenditures from all funding sources will be retained and made available for state audit.

*Only direct project management costs are eligible; no overhead/indirect costs are reimbursable. In-service payroll may not include a “billable rate” or administrative cost allocation.
Cost Estimate - Acquisition

- Show all funding sources
- List APNs
- Acreage
- Fee or Easement?
- Budget $10,000 for DGS Appraisal Review

<table>
<thead>
<tr>
<th>Assessor’s Parcel Numbers(s)</th>
<th>Acreage</th>
<th>Indicate Fee or Easement</th>
<th>Willing Seller Name and Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Estimated Fair Market Value</td>
<td>$</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Relocation Costs</td>
<td>$</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Preliminary Title Reports, Appraisal</td>
<td>$</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Escrow Fees, Title Insurance, Closing Costs</td>
<td>$</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Surveying (limited to boundary line adjustments)</td>
<td>$</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Direct Costs - Staff and Consultants (limited to $10,000 per grant)</td>
<td>$</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>State appraisal review (budget -$10,000)</td>
<td>$</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Contingency (not to exceed 10% of grant)</td>
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</tr>
<tr>
<td>Funding Acknowledgment Sign (Required)</td>
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<tr>
<td>Other (specify)</td>
<td>$</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Grand Total</td>
<td>$</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

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**Only direct project management costs are eligible; no overhead/indirect costs are reimbursable. In-service payroll may not include a “billable rate” or administrative cost allocation.
Meaningful Tribal Outreach

Does your project affect tribal communities?

If so, you must show meaningful outreach and an attempt to collaborate with local California Native American tribes throughout project implementation.
Community Engagement Plan

- Land Trust / Conservancy Board Members
- Native American Tribal representatives
- Public meetings
- Local Government
- Project partners
- Consultants

Past, Present and Future Activities
Site Plan
(Development Projects Only)

All Projects
Labeled APN Maps
Willing Seller Letter (Acquisitions Only)

(Template -- Willing Seller Letter)

Date: 
To: California Natural Resources Agency 
   Environmental Enhancement and Mitigation Program 
From: Name(s) of Legal Owner (Trust, etc.) 
      Address of Legal Owner(s) 
Re: Parcel number(s): 
   County: 
   Property Address: 

To Whom It May Concern:

This letter is provided to confirm that (name of owner, trust, etc.), owner of the above-referenced property, is a willing participant in the proposed real property transaction. Should grant funds be awarded to the grant applicant, (name of grant applicant), then (name of owner, trust, etc.), as Seller, is willing to enter into negotiations for the sale of the real property for a purchase price at or below fair market value.

Acknowledged:

Signature of landowner ___________________________ Date signed ___________________________

Signature of landowner ___________________________ Date signed ___________________________
Project Proposal Submission Deadline

June 3, 2022

Before 5:00 pm

Do Not Wait Until the Last Minute to Submit Your Project Proposal!!
Step 2 – Field Visit

Where do we go from here?
Step 2 – Field Visit
Step 3 – Supporting Documentation
Supporting Documentation Examples

- Signed Authorizing Resolution
- Eligibility for nonprofits
- Funding Plan
- Preliminary Title Report
- Appraisal (if available)
- Draft Conservation Easement
### Supporting Documentation – Site Control

<table>
<thead>
<tr>
<th>Ownership Evidence</th>
<th>O&amp;M Agreement*</th>
<th>Ownership Evidence</th>
<th>Development Agreement* with Owner with O&amp;M provisions</th>
<th>Ownership Evidence</th>
<th>Development Agreement* with Owner &amp; entities to do O&amp;M</th>
</tr>
</thead>
<tbody>
<tr>
<td>Own: YES O&amp;M: YES</td>
<td></td>
<td>Own: YES O&amp;M: NO</td>
<td></td>
<td>Own: NO O&amp;M: YES</td>
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</tbody>
</table>

* If agreements not yet executed, provide a letter from owner or entity to perform O&M stating intent to enter into agreement.
## ANTICIPATED TIMELINE

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
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</thead>
<tbody>
<tr>
<td>Solicitation for Project Proposals</td>
<td>April 2022</td>
</tr>
<tr>
<td>Technical Assistance Workshops</td>
<td>April – May 2022</td>
</tr>
<tr>
<td>Project Proposal Deadline</td>
<td>June 3, 2022</td>
</tr>
<tr>
<td>Field Visits</td>
<td>October – December 2022</td>
</tr>
<tr>
<td>CTC Approval/Awards Announced</td>
<td>March 2023</td>
</tr>
</tbody>
</table>
Helpful Hints (For proposals be as sleek as this Scott Bar Salamander)

Clear
- What, why, & how much

Concise
- Be deliberate

Cohesive
- Be consistent throughout the proposal

Complete
- Use the project checklist to be sure all required documents are submitted
Questions?

**Website:**
resources.ca.gov/grants

**EEM Project Questions**
eemcoordinator@resources.ca.gov
(916) 653-2812

**SOAR Help Desk**
soar.admin@resources.ca.gov
(916) 653-6138

No need to go it alone. We can help!