Informational Presentation on

Proposed Climate-Smart Code Amendments

Presented by UC Davis EPM Team

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Presentation Overview

- Project and team background
- Direction and scope of work
- Overview of workshops and community engagement
- Recommendations in VMT reduction, EV charging, solar, and dark sky
- Conclusion, next steps, and questions

Project Background

- Building from the 2013 Sustainability Action Plan
- 80% of plan actions implemented or underway
- Kamryn’s summer internship 2022
  - Climate Smart Code research
  - October 2022 Governing Board direction
- TRPA partners with UC Davis Policy Clinic (January 2023 - present) to advance “Proposed Climate-Smart Code Amendments” project

Project Partnership Team

Environmental Policy and Management Team

- Diana Giraldo
- Kamryn Kubose
- Michael Macon
- Thomas McNairn
- Flor De Maria Rizo

UCDAVIS
Graduate Program of
Environmental Policy and Management

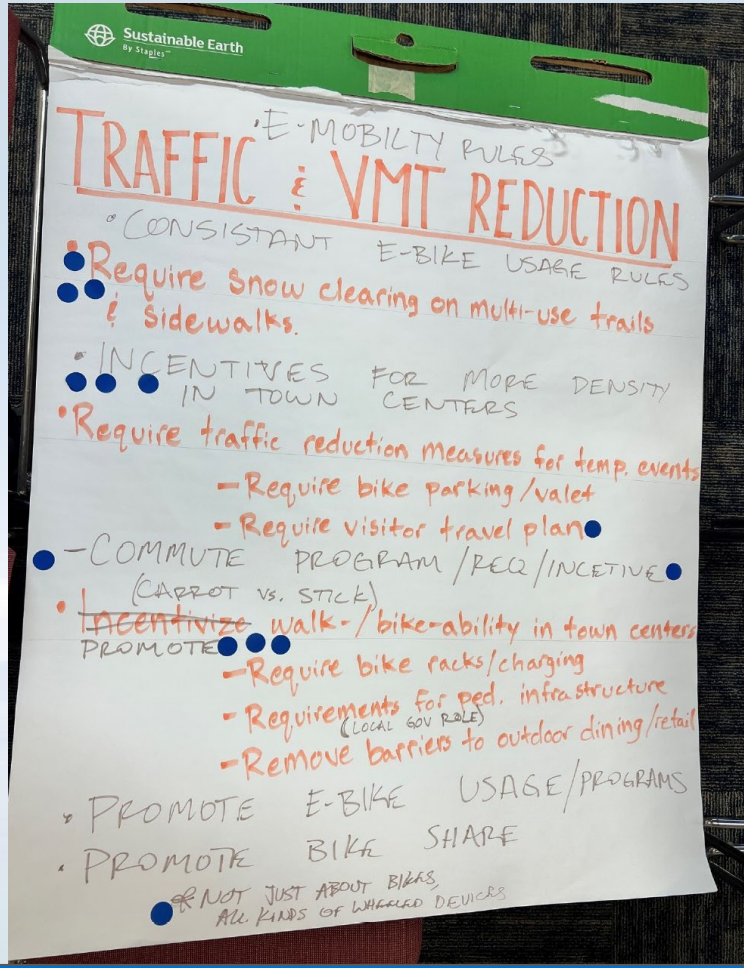
TRPA Staff

- Jacob Stock
- Devin Middlebrook
- Kira Smith

TAHOE REGIONAL PLANNING AGENCY

Governing Board Direction

- Workshop to prioritize climate smart code amendments
- October GB Meeting - Prioritization Activity
  - GB members voted on ideas and offered additional suggestions



Scope of Work

Deliverables:

1. Outreach and participation plan
2. Draft code language backed by research and informed by stakeholder workshops
3. Educational fact sheets for staff to use in the future

Process for identifying focus areas included:

- GB priorities
- Stakeholder survey (24 respondents)
- Feasibility given the time frame and environmental analysis requirements

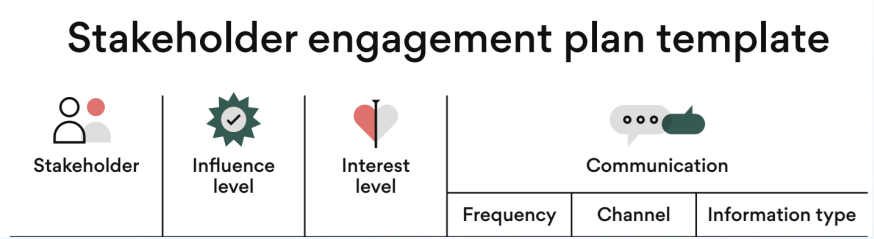
Scope of Work

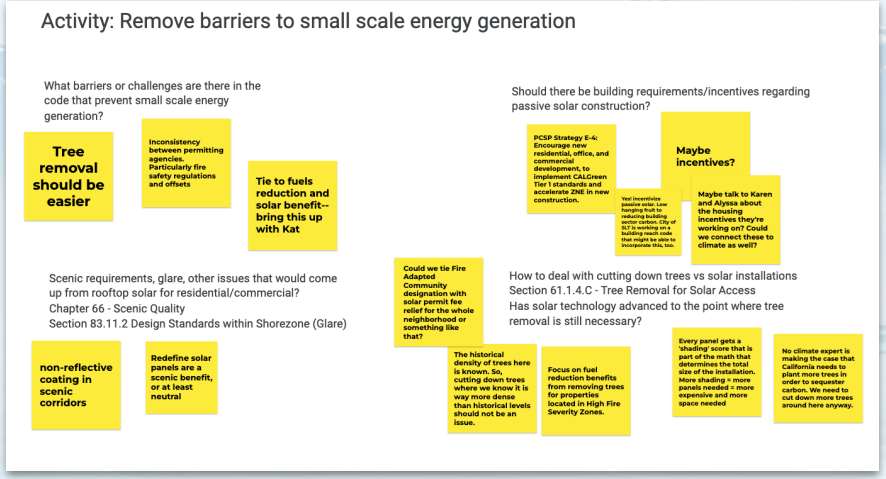
Focus Areas:

1. Reduction of traffic congestion from temporary events
2. Promoting electric vehicle (EV) charging
3. Remove barriers to small-scale energy generation
4. Updating exterior light requirements for efficiency and dark sky preservation

Public Engagement: Working Groups

1. **Stakeholder engagement plan**
2. **Outreach and participation plan**
3. **Working group meetings with technical expertise**
   - 3 meetings
   - ~ 8 participants per meeting
   - engagement through email





Traffic Reduction from Temporary Events

Governing Board Priorities

- Promote walkability and bike-ability in town centers
- Require visitor travel plans
- SAP 4-32

Goals

- Reduce traffic congestion and reliance on cars by promoting alternative modes of transportation

Recommendations

- TRPA should work with local partners to ensure that temporary events prepare a transportation plan
- Consider requiring plan for temporary use permits

Promoting Electric Vehicle Charging

Governing Board Priorities

- Streamline EV charger installation

Goals

- Expand access and protect thresholds
- Promote universal charging stations for all EV users

Recommendations

- Set EV capable standards for parking areas in all land use types.
- Streamline installations for EVSE with partial coverage exemptions
- Define electric vehicle chargers

Small Scale Energy Generation

Governing board priorities

- Remove barriers to installing small scale energy

Goals

- Streamline permitting processes
- Clarify code language on solar energy
- Consider solar and green energy a scenic enhancement, not a burden

Recommendations

- Consider a qualified exemption for rooftop solar
- Additional height exemption for rooftop solar
- Partial coverage reduction for ground solar
- Health and safety consideration for tree removal
- Include solar facilities as a primary use

Dark Sky Standards

Governing Board Priorities

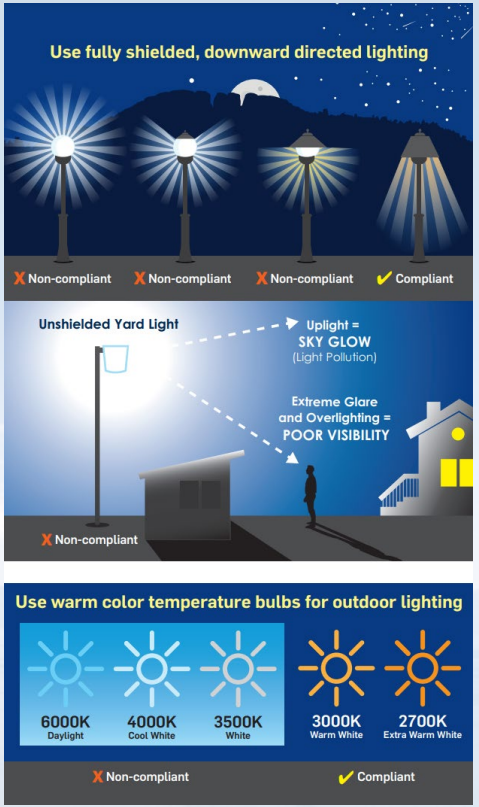
- Update light requirements for efficiency and dark sky

Goals

- Become internationally dark sky certified
- Require efficient outdoor lighting

Recommendations

- Add dark sky requirements to exterior lighting standards
  - Color temperature below 3,000 Kelvin
  - Light output limitations by land use



Summary

Recommendations:

- Work with local partners; Consider requiring a transportation plan for temporary use permits that promote alternative modes
- Streamline the installation of EV charging stations
- Consider qualified exemptions for rooftop solar
- Add dark sky requirements to the exterior lighting standards

Next Steps

- Address RPIC Comments
- Finalize Recommendations
- Complete IEC and Conformance Analysis
- Adoption Hearings
- Education and Implementation


Thank you!
Questions?