Welcome & Introductions
Presenters and Facilitators

County Staff
- Jack Liebster, Planning Manager
- Leslie Lacko, Senior Project Manager

Consultant Team
- Laura Stetson, Principal
- Barbara Beard, Safety Element Lead
Agenda

• Present Overview of Draft Safety Element
  ~Focus on programs

• Board and Commission Question / Comments

• Receive Public Comment
Safety Element Update
Existing Safety Element

- Incorporated in the Natural Systems and Agricultural Element
- Existing policies cover
  - Geologic Hazards
  - Flooding and Sea Level Rise
  - Wildfire
Updating the Safety Element

- Updated every 8 years (with the Housing Element)
- Focus on new requirements for Safety Elements
- Requires a Vulnerability Assessment
- Plan should emphasize equity & needs of vulnerable communities
Vulnerability Assessment

- Follows California Adaptation Planning Guide
- Describes hazards exacerbated by climate change
- Identifies vulnerable populations and community assets
- Evaluates Adaptive Capacity
Building on Existing Goals

- Hazard Awareness
- Geology and Seismicity
- Flooding
- Wildfire
New Policy Areas

- Equity
- Wildfire
- Disaster Preparedness, Response & Recovery
- Resiliency Planning
  - Sea Level Rise, Severe Weather, Extreme Heat and Drought
What Have We Heard?

- Vulnerable populations face more challenges
- Evacuation and road adequacy
- Partner and support community preparedness
- Concern over displacement of residents
- Adaptation plan for sea level rise
Safety Element Reflects BOS/PC Direction

- Focus SE on Equitable Community Safety Planning
- Address Sea Level Rise in a Coordinated Manner
- Address Evacuation and Wildfire Preparedness Measures
- Emphasize Hazard Recovery Planning
Goal, Policies, & Programs
## Sample Goals, Policies, and Programs

<table>
<thead>
<tr>
<th><strong>Goal</strong></th>
<th><strong>Policy</strong></th>
<th><strong>Program</strong></th>
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<tbody>
<tr>
<td>EHS-1 Hazard Awareness</td>
<td>EHS-1.1 Enhance Public Awareness</td>
<td>EHS-1.1b Distribute Maps</td>
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<tr>
<td>Raise public awareness and response about potential environmental hazards.</td>
<td>Advise the public regarding the availability of countywide and local area environmental hazard studies, sources of hazard information and public services.</td>
<td>Prepare and make available to the public maps depicting evacuation routes and areas prone to environmental hazards.</td>
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Equity
Key Considerations

- Vulnerability assessment outcomes
- State guidance on planning with equity lens
- Marin planning efforts for equity
Potential Programs

Create equitable processes for achieving climate resilience.

- Identify and map vulnerable populations
- Community specific engagement
- Community-led safety programs
Mapping

Marin County

HPI Score (3.0): 83.7 percentile
Less → More healthy conditions

This Tract has healthier community conditions than 83.7% of other California Tracts.

Tract 1330
County > Tract
Marin > 1330
Population: 2,658
Disaster Preparedness, Response & Recovery
Key Considerations

- Evacuation routes
- Post disaster recovery plans & ordinances
- Preparedness requires coordination
Potential Programs

Ensure readiness in and after emergency situations and create an effective evacuation route network.

Preparedness:
outreach and engagement; and supporting community-led disaster preparedness

Response:
focus on improving evacuation routes

Recovery:
update Emergency Recovery Plan and plan for post-disaster affordable housing

COORDINATION
Wildfire
Key Considerations

- Existing Adopted Fire Policy
- Building Code Requirements
- Board of Forestry Fire Safe Regulations (draft)
- Development in Fire Hazard Areas
Existing Plans and Policies

Marin County
Multi-Jurisdiction Local Hazard Mitigation Plan
(MCM LHMP)
2018
Potential Programs

Protect people and property from hazards associated with wildland and structure fires

- Regulate development in VHFHSZ
- Improve existing emergency evacuation routes
- Vegetation management & habitat protection
- Require post-fire construction to meet current building standards
Emergency Evacuation

MWPA

Evacuation Risk Planning

In progress…
Map and rate roads for level of risk.
Vegetation Management & Habitat Protection

MWPA

Ecologically Sound Practices

(for habitat protection & sustainable vegetation management)
Resiliency Planning
What Falls Under Resiliency Planning?

- Sea Level Rise
- Severe Weather
- Extreme Heat
- Drought
Potential Programs

Manage the threat of climate risks to the current and future Marin community.

- Adaptation integration and requirements
- County leadership on multijurisdictional adaptation
- Resilience Hubs
- Disclosure of current and future hazards
Adaptation Planning Outcomes

County Leadership on a Multi-jurisdictional Approach to SLR

Adaptation Planning Requirements
Resilience Hubs
Resilience Hubs

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MERCYCORPS.ORG.UK
Resilience Hubs

Off Grid Solar Power

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Resilience Hubs

Communication Hub
Resilience Hubs

Clean Water
Resilience Hubs

Risk Reduction & Disaster Training

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Resilience Hubs

Risk Reduction & Disaster Training
Off Grid Solar Power
Communication Hub
Clean Water
Community Gardens

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Resilience Hubs

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RESILIENCE HUB
MERCYCORPS.ORG.UK
Property Rating System

Hazards

Mitigations

= 

Star
Next Steps
Next Steps

- Draft SE Public Comment Till July 4, 2022
- Draft EIR Public Release Mid-July, 2022
- BOS/PC Mtg: DEIR Public Comment Aug 23, 2022
- PC & BOS Public Hearing/Adoption End of Year, 2022
Questions and Comments