

City of Lompoc



Local Hazard Mitigation Plan Public Information Meeting August 3, 2016



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Visual 0

Goals

- **Discuss Plan development Process**
- **Present CAL/OES courtesy evaluation process**
- **Present FEMA Region 9 Evaluation Process**



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Why Hazard Mitigation Plan ??

- Reduces potential for
 - Loss of life
 - Injury
 - Property damage
- Sustained action
- Hazard mitigation actions
 - Implemented at any time
 - Based on an inclusive, comprehensive, long-term plan



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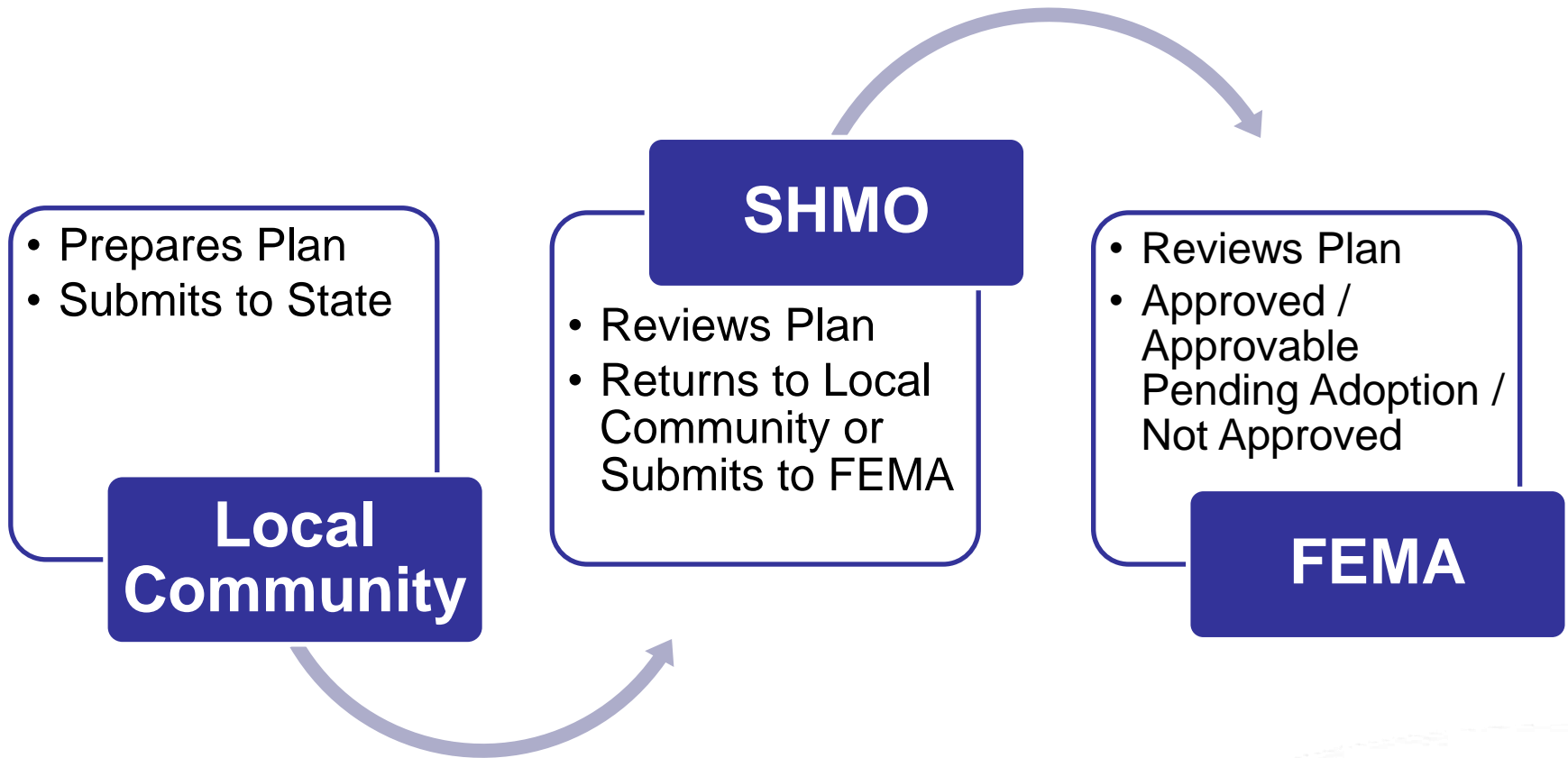
Hazard Mitigation Planning Process

- Local Community
 - Develops a local mitigation plan
 - Involves the public and other stakeholders
 - Identifies and examines ALL potential natural hazards
 - Assesses vulnerabilities and impacts
 - Develops strategies to mitigate risks
 - Adopts the plan
 - Updates the plan



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Plan Review Procedure



Authority

Congress established requirements for mitigation plans

- **Section 322 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act (Stafford Act), as amended**
- **The National Flood Insurance Act of 1968 (NFIA), as amended**
- **Title 44 Code of Federal Regulations Section 201.6 (44 CFR 201.6)**



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FEMA Approach

- The FEMA approach to mitigation planning is performance based and identifies generally what should happen and what should be documented in the plan
- The FEMA approach is not prescriptive and does not specify exactly how the planning process should be conducted.



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Additional Comments

- FEMA does not require a specific format for the plan
- The Regulation Checklist only includes requirements of 44 CFR 201.6
- Leadership in local government may fluctuate over time; therefore, describing the process and explaining how decisions were reached is important



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Regulation Checklist

Regulation Checklist has 6 Elements

- A. Planning Process**
- B. Hazard Identification and Risk Assessment**
- C. Mitigation Strategy**
- D. Plan Review, Evaluation, and Implementation (for plan updates only)**
- E. Plan Adoption**



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Element A. Planning Process

- Intent of Element A
 - Planning process is appropriate for the community
 - Plan provides a permanent record of how decisions were reached
- An open public involvement process is required



Document the Planning Process

- How was the plan developed?
 - Schedule and summary of activities
- Who was involved in the process for each jurisdiction?
 - Names or titles of agencies involved
 - Copies of meeting agendas
 - Sign-in sheets
- How was the public engaged in the process?
 - Applies to new plans and plan updates
 - Questionnaires, surveys
 - Integration of feedback into the plan



Stakeholder Engagement

- An opportunity for broad involvement is required
- Does the plan identify stakeholders given an opportunity to be involved?
- Opportunity for involvement must be provided for
 - Local and regional agencies involved in mitigation
 - Neighboring communities



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Opportunity for Public Involvement

Does the Plan

- Document opportunities for the public to be involved during the drafting stage?
- Explain how public feedback was incorporated into the plan?



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Existing Information

- Review and incorporation of existing data is required
- Does the plan document the review and incorporation of data from
 - Plans— e.g., General Plan, etc.
 - Studies
 - Reports
 - Technical documents— e.g. Hazard Maps



Continued Public Participation

- Continued public participation is required
- Does the plan describe how Lompoc will seek public participation
 - After plan adoption?
 - During implementation, monitoring, and evaluation?



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Keeping the Plan Current

- A method and schedule for keeping the plan current is required
- Does the plan identify how, when, and by whom it will be:
 - Monitored?
 - Evaluated?
 - Updated?



Element B: Hazard Identification and Risk Assessment

- The plan must describe potential hazards
- Intent of Element B*
 - Use of accurate, current, and relevant information
 - Basis for assessing vulnerability
 - Leads to mitigation strategy

* THIRA—Threat and Hazard Identification and Risk Assessment



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Type, Location, and Extent

- Description of natural hazards is required
- Description of location and extent is required
- Does the plan
 - Describe potential natural hazards?
 - *Provide rationale for omitting a natural hazard?*
 - Explain location and extent of each potential natural hazard?



Previous Occurrences

- Information on previous occurrences and future probability is required
- Does the plan
 - List previous occurrences?
 - Discuss probability of future occurrences?



Impact and Vulnerability

- Description of impact and vulnerability is required
- Does the plan
 - Describe potential impacts?
 - Describe assets such as
 - People?
 - Structures?
 - Facilities?
 - Systems?
 - Capabilities?
 - Activities?
 - Summarize vulnerabilities?
 - Issues or problems



NFIP Participation

Does the plan address

- Participation in the NFIP?
- Continued compliance with NFIP requirements?



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NFIP-Insured Structures

- Information about repetitively flooded NFIP-insured structures is required
- Does the plan
 - Describe types of structures?
 - Estimate number of repetitive loss properties?
 - Not violate conditions of Privacy Act of 1974?



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Element C. Mitigation Strategy

- **The plan must include a mitigation strategy**
 - **A blueprint for reducing potential losses**
 - **Based on existing policies, programs, resources**
- **Intent of Element C**
 - **Describe hazard mitigation goals and actions**
 - **Identify the community's existing authorities, policies, programs, and resources that can be used to implement those actions**
 - **All other requirements lead to and support the mitigation strategy**
 - **Mitigation actions must be reaffirmed or updated when the plan is updated**



Existing Policies and Programs

- **The plan must document each jurisdiction's**
 - **Existing authorities**
 - **Policies, programs, and resources**
 - **Ability to expand on and improve existing policies and programs**

- **The plan might describe**
 - **Public works and/or emergency management staff**
 - **Zoning ordinances, building codes, subdivision regulation**
 - **Annual budgets**
 - **Comprehensive planning**
 - **Taxing authority**



Goals

- Does the plan include goals to reduce or avoid long-term vulnerabilities to identified hazards?
- Goals
 - Are broad policy statements
 - Must be consistent with the identified hazards



Mitigation Actions

- **The plan must identify and analyze a range of mitigation actions**
- **Actions**
 - **Is an activity, process, or physical project designed to reduce or eliminate long-term risk to one or more hazards identified in the risk assessment?**
- **Does the plan include**
 - **Actions for new buildings and infrastructure?**
 - **Actions for existing buildings and infrastructure?**
 - **Actions for each jurisdiction?**



Action Plan

- The plan must contain an action plan
- For each jurisdiction, the plan must
 - Describe the criteria used for prioritizing implementation of mitigation actions
 - Demonstrate that the jurisdictions considered the benefits versus the costs
 - Identify who is responsible for implementing the action
 - Identify potential funding sources and expected timeframes for completion



Integration with Other Plans

- The plan must describe a process for integration
- Does the plan explain how mitigation will be integrated into
 - Other plans?
 - Ordinances?
 - Day-to-day operations?



Element D. Plan Review, Evaluation, and Implementation

- This element is reviewed for plan **UPDATES** only
- The plan must reflect
 - Changes in development
 - Progress in mitigation
 - Changes in priorities
- The plan must be resubmitted for approval every 5 years
- Intent of Element D
 - The plan continues to be relevant
 - The plan reflects current conditions



Changes in Development

Was the plan revised to reflect changes in development?



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Progress with Mitigation

Was the plan revised to reflect progress in local mitigation efforts?



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Changes in Priorities

Was the plan revised to reflect changes in priorities?



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FEMA Plan Assessment

- **Intent of Plan Assessment**
 - **To offer more comprehensive feedback on plan quality**
- **The Plan Assessment has two parts**
 - A. Plan Strengths and Opportunities for Improvement**
 - B. Resources for Implementation**



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FEMA Plan Assessment

- To offer more comprehensive feedback on the quality of the plan to the local community
 - Suggestions for improving the Plan
 - Strengths of the Plan
 - Recommendations for implementation
- FEMA plan approvers must complete the Plan Assessment and return to Lompoc



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Documentation of Adoption

- The plan must include documentation of adoption
- Does the plan include a
 - Signed resolution?
 - Other evidence?



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Element A. Planning Process

- How does the plan go above and beyond minimum requirements?
- Does the plan demonstrate
 - Broad involvement of stakeholders?
 - Involvement of a large number of local agencies?
 - Diverse methods of public participation?
 - Open and inclusive public involvement process?
- How can the planning process be improved in future plan updates?



Element B. Hazard Identification and Risk Assessment

- Does the risk assessment include information about
 - Future development trends?
 - Existing structures and infrastructure?
 - Future structures and infrastructure?
 - Estimated dollar losses for each hazard?
 - Methods used to develop the estimates?
- Does the plan demonstrate
 - Use of best available data?
 - Communication of risk to the public?



Element C. Mitigation Strategy

- How well does the plan
 - Reflect the vulnerability assessment?
 - Set goals based on problems?
 - Provide a diversity of actions?
- Plan approver may suggest opportunities for implementation



Element D. Plan Update, Evaluation, and Implementation

- How does the plan document the 5-year evaluation with respect to
 - Status of mitigation actions?
 - Identification of obstacles to implementation of actions?
 - Solutions for overcoming the obstacles?
 - Reduction of risk?



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Element E. Plan Adoption and Documentation

- Intent of Element E
 - Adoption demonstrates commitment
 - Adoption legitimizes the plan
- Updated plans must be adopted anew
- The plan must include documentation of adoption
- Does the plan include a
 - Signed resolution?
 - Other evidence?



Comments-Questions-Concerns

- Thank you for your attention !!!!!

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