

ATTACHMENT E



Santa Barbara County Multi-Jurisdictional Hazard Mitigation Plan Update

August 2017



Hazard Mitigation Plans- Overview

- Established by FEMA in 2000
 - Incorporated into Federal Regulations
- Response for need to have better mitigation projects identified
- Encourage a comprehensive approach
 - Consider multi-hazards
 - Involve a dynamic planning team
 - Encourage public participation
- Understand capabilities and vulnerabilities
- Identify projects and mitigation actions
- Integrated with other planning efforts
- Needed to meet eligibility requirements to receive grants

Hazard Mitigation Plans- Review/Approval

- Generated and adopted by locals
- Reviewed and approved by Cal OES
- Reviewed and approved by FEMA
- HMP requirements are in Stafford Act and Code of Federal Regulations (CFR)
- Cal OES/FEMA requires locals to identify where HMP requirements have been met
- Locals receive a Met/Not Met” grade on HMP requirements
 - If “Not Met”, must revise HMP
- Cal OES/FEMA provide “qualitative” comments

Hazard Mitigation Plans- Updates

- HMPs must be updated every 5 years to demonstrate:
 - What is new
 - What has been done over last 5 years
- Update process must meet the same requirements
 - Multi-hazards
 - Dynamic Planning Team
 - Engage the public
 - Review/Update: 1) capabilities, 2) hazards, 3) potential impacts, and 4) projects
- Cal OES/FEMA review
 - Reference previous comments
 - Reference previous recommendations
- Cal OES/FEMA expecting advancements; not just redundant information



HMP Efforts in SB County-

Summary

- Current HMP is a multi-jurisdictional plan
 - County HMP (1)
 - Annexes for each jurisdiction HMP (8)
- Using a Mitigation Advisory Committee (MAC)
 - Led by SB County OEM
 - Representatives from each jurisdiction
 - Representatives from key SB County Departments/Agency's
 - Representative from Cal OES
- MAC members:
 - Validate countywide approach
 - Provide information
 - Lead local planning teams
 - Promote public participation
- Local Planning Teams

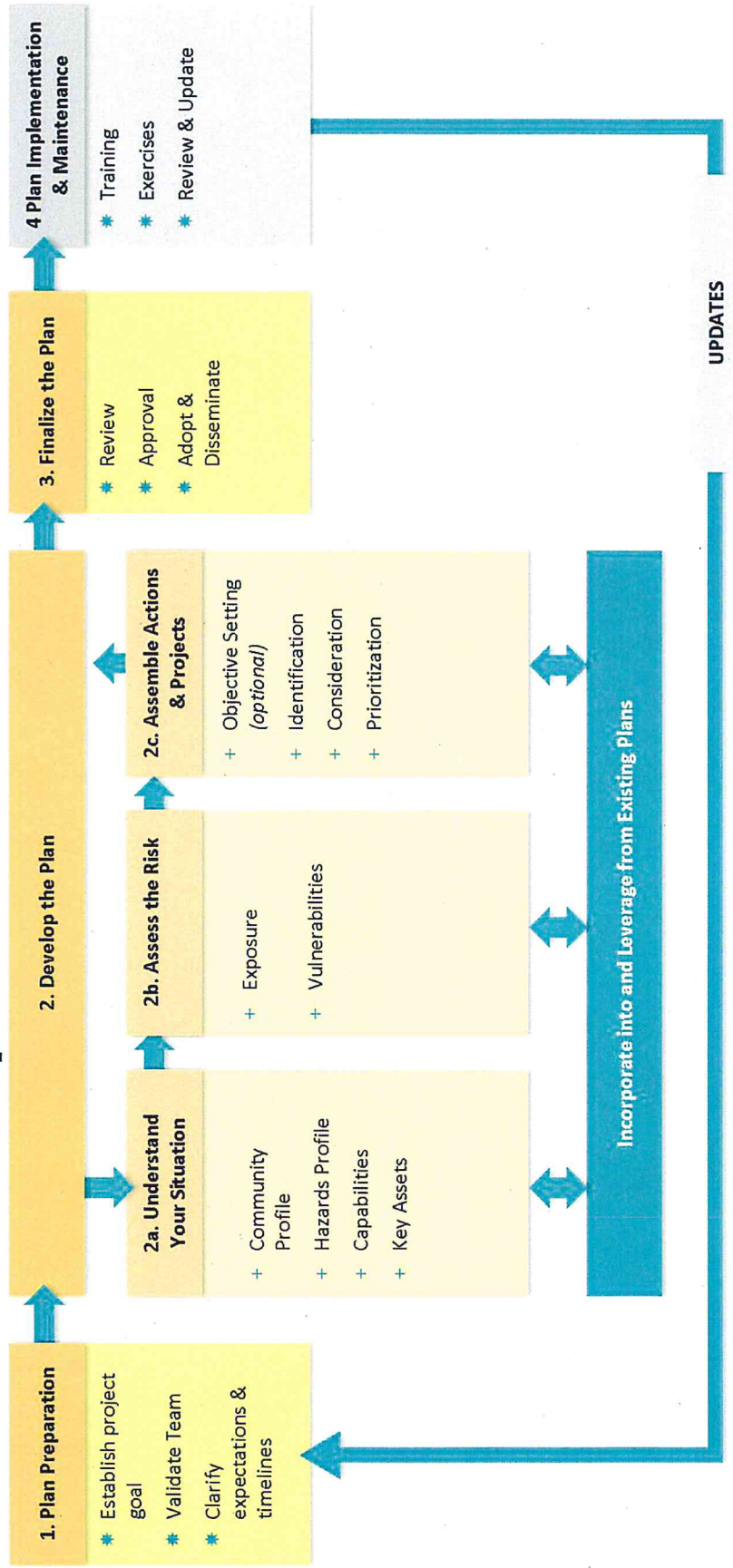
Plan Update Team

- Michael W Dyer- County OEM
- Shannon McCrone- County OEM
- Andrew Petrow- Consultant
- Mitigation Advisory Committee (MAC) members
 - Buellton- Marc Bierdizinski
 - Carpinteria- Mimi Audelo
 - Goleta- Claudia Dato
 - Guadalupe- Gary Hoving
 - Santa Barbara- Yolanda McGlinchey
 - Santa Maria- Roy Dugger
 - Solvang- Lisa Martin
 - Cal OES- Yvette La Duke
 - Santa Barbara County (other Departments and Agencies)



HMP Efforts in SB County-

Update Process



Summary of HMP in SB County-

Current Capabilities

- Consideration of several **existing conditions** (economy, climate, physical features, natural and built environment, population, development trends)
- Identifies **role and responsibilities** of jurisdictional Departments, Agencies, Special Districts that support mitigation efforts
- Defines **relevant governance**: 1) plans, 2) programs, 3) codes, and 4) policies that support mitigation efforts
- Presents **fiscal health** and allocation of resources that support mitigation efforts
- Identification of **critical facilities**

Summary of HMP in SB County-

Current Hazards

Earthquake	Oil Spill
Liquefaction	Dam Failure
Landslides and Other Earth Movements	Agricultural Pests and Disease
Expansive Soils/Land Subsidence	Epidemic/Pandemic/Vector Borne Disease
Wildfire	Hazardous Material Release
Flood	Radiological Incident
Coastal Storm Surge	Terrorism
Climate-Related	Cyber Threat
SLR/Coastal Flooding and Erosion	Aircraft Crash
Droughts and Water Shortage	Train Accident; Explosion and/or Chemical Release
Severe Weather and Storms	Natural Gas Pipeline/Storage
Extreme Heat	Levee Failure
Freeze	Tsunami
Hailstorm	Civil Disturbance
Tornado	Well Stimulation/Hydraulic Fracking
Windstorm	
Energy Shortage and Energy Resilience	

Summary of SB County HMP- Current Vulnerabilities

- Vulnerability from hazards estimated 1 of 3 ways
- 1. Scientific Loss Estimation Modeling
 - FEMA Hazus model
 - Used FEMA Hazus default (residential, commercial, industrial, population)
- 2. Analysis of Critical Facilities exposure
 - Based on what is identified by County or City
- 3. Qualitative estimate of impacts
 - General discussion of potential impacts

Summary of SB County HMP- Proposed Mitigation Actions

- Some focused on specific hazards; some multi-hazard
- Task Force/Committees
 - Drought
 - Climate Change
- Programs
 - Education/Outreach
 - Reduction
 - Seasonal
- Projects
 - Retrofit
 - New construction
 - Plans/Planning
- Policies
 - Monitoring

Questions???

