

US EPA ARCHIVE DOCUMENT

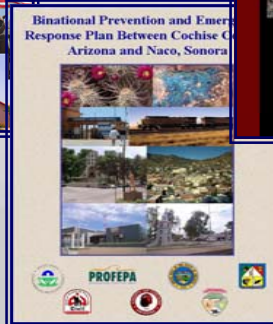
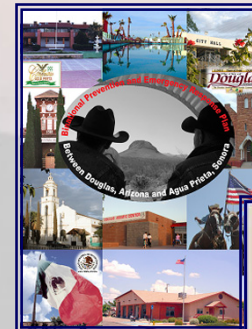
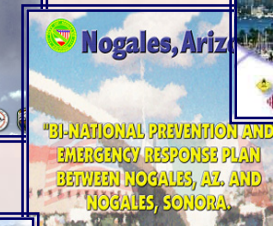
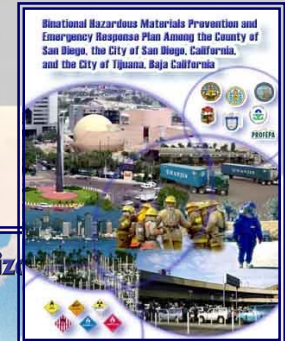
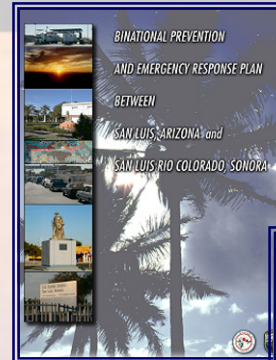
**Border Emergency Prevention, Preparedness  
and Response  
EPA Southwest Region**



**United States and Mexico  
Inland Joint Response Team Meeting  
February 15, 2006**

# PLANNING & PREPAREDNESS

- All six Region 9 sister city plans signed, operating with exercises:
  - San Diego/Tijuana
  - Imperial County/Mexicali
  - San Luis, AZ/San Luis Rio Colorado, Son.
  - Nogales, AZ/Nogales Son.
  - Cochise County, AZ/Naco Son.
  - Douglas AZ/Agua Prieta Son.
- Three binational Emergency Preparedness and Response Task Forces meet 4 times/year:
  - San Diego/Tijuana
  - Imperial County/Mexicali
  - Arizona/Sonora





**San Diego – Tijuana  
Emergency Preparedness and Response  
Task Force**

# PREPAREDNESS

## State Civil Protection Training Center

Tijuana Baja California, Sept. 2005



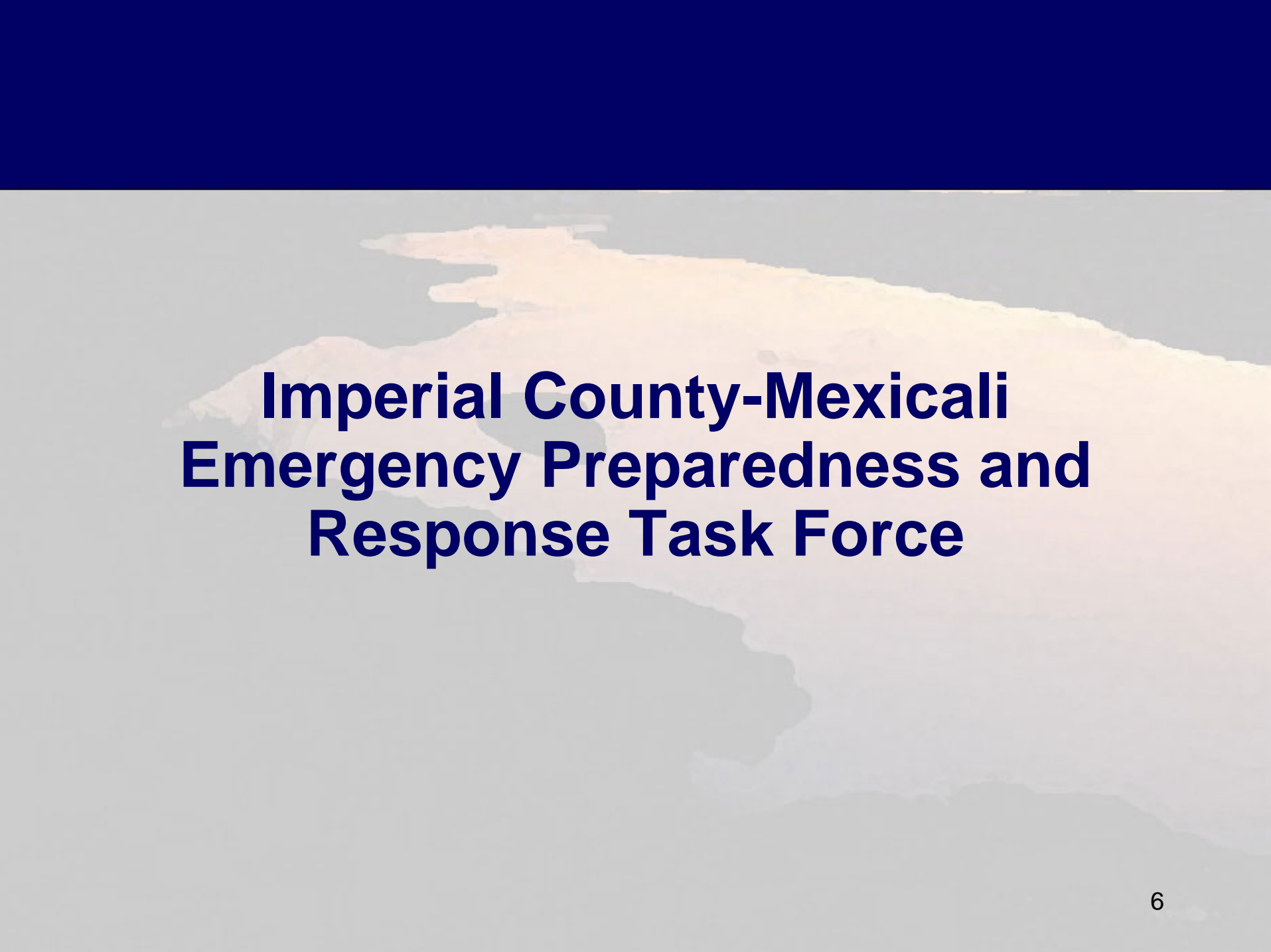
# PREPAREDNESS

## Border Emergency Management Academy

- Partnership: SD Co, PROFEPA, Protection Civil Baja California, Tijuana Fire Dept, Centro Industrial for Gestion Ambiental, USEPA, Universidad ABC
- Governor of Baja California letter of Support (9/05)
- Interim Organizational Structure (10/05)
- Binational Convenio (Federal, State and local agencies 2006)



UABC-Tijuana



# **Imperial County-Mexicali Emergency Preparedness and Response Task Force**

# PLANNING



Imperial County & Mexicali 05/05

Mexicali Cultural Center





# RISK REDUCTION

## First Industry Outreach Event

CANACINTRA Training Centre, Mexicali, Nov. 2005



# RISK REDUCTION



# BORDER 2012 FUNDING PROPOSAL

Collaboration by Imperial County, Mexicali, Yuma, AZ and San Luis R.C., Sonora

- Recipient: Ayuntamiento de SLRC, Sonora
- Results:
  1. Local planning committee established
  2. Targeted training, binational exercises, joint risk reduction effort in four-city region



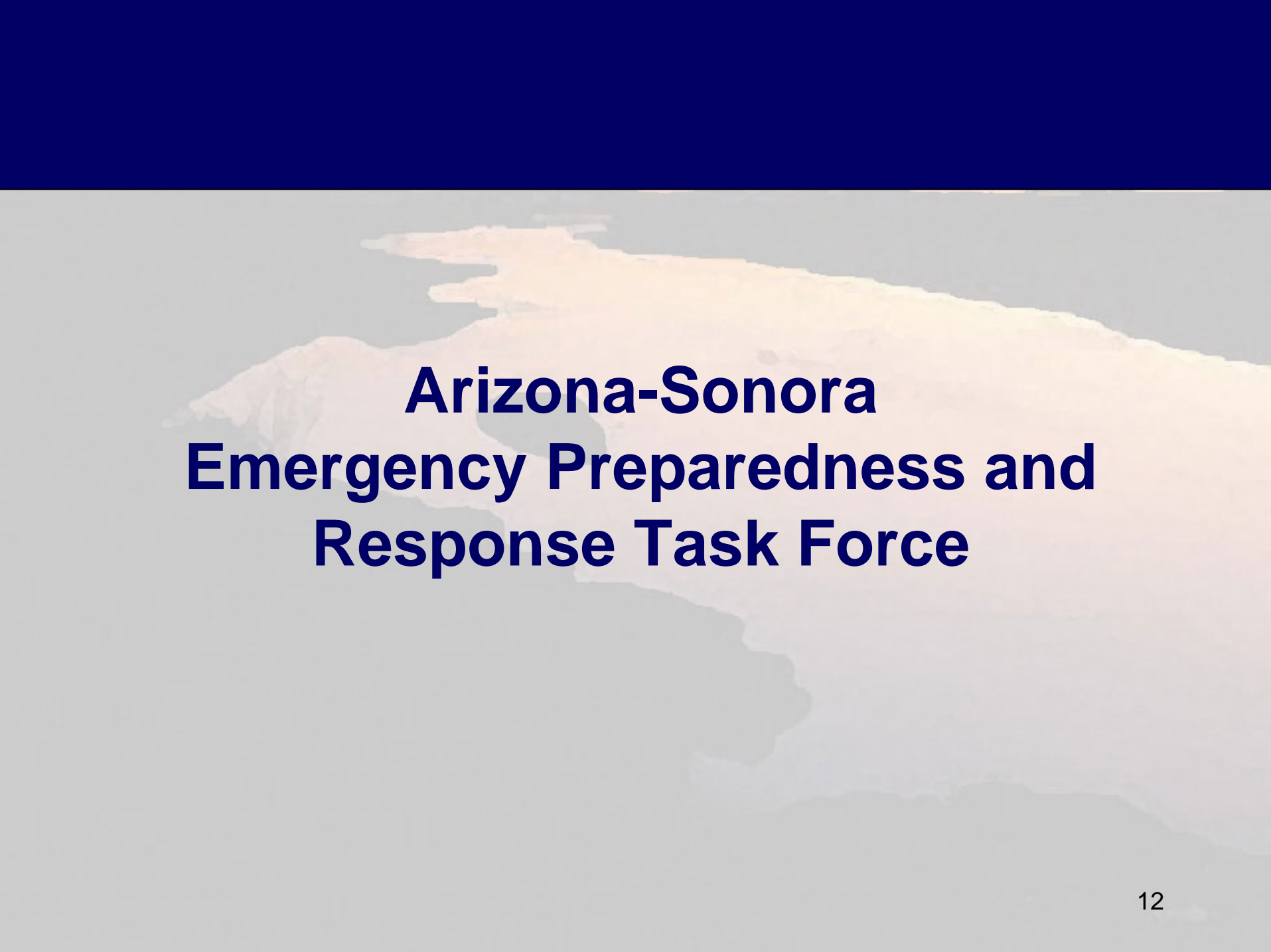
# BORDER 2012 FUNDING PROPOSAL

Project: Border-crossing protocols  
and agreement with Mexican  
Customs

- Results:

1. Agreement with Mexican Customs
2. Standard Operational Procedures for natural and chemical emergencies
3. Maps, satellite pictures



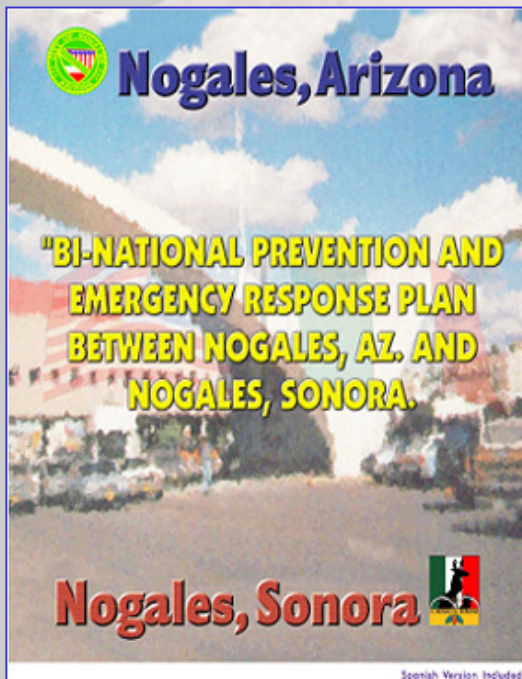


**Arizona-Sonora  
Emergency Preparedness and  
Response Task Force**

# PLANNING

## Ambos Nogales

- Original Plan: March, 2000
- Update: April, 2006



- Update Binational Plan:
  - ✓ All Hazards
  - ✓ Updated Notification Procedures
  - ✓ Ambos Nogales Binational Planning Committee established (09/05)
- Cochise County and Douglas, Arizona/ Naco and Agua Prieta, Sonora
- San Luis Rio Colorado / Yuma, Imperial County / Mexicali

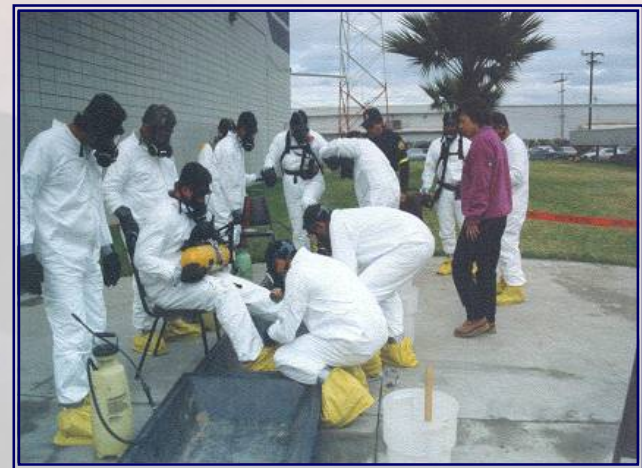
# PLANNING & PREPAREDNESS

- Arizona/Sonora EPR Task Force meeting on Tohono O'dham Nation 11/29
- Tribal preparedness and Home Land Security
- Needs identified: Training and Tri-National Planning



# PREPAREDNESS

- Training
  - Rail Car Response with Union Pacific
    - 60 binational participants
    - Nogales (12/04)
  - OREIS
    - 40 Binational participants:
    - Rio Rico (12/04)
  - First Responder 3 Day Training
    - San Luis Rio Colorado (2 sessions)
    - Nogales, Maquiladoras
    - 35 Attendees per session





# PREPAREDNESS

- **Agua Prieta/Douglas Binational Tabletop Exercise**
  - Title: “Friends in Danger”
  - Douglas, AZ (03/05)
- **Scenario:** tanker-truck with sulfur dioxide overturned in Agua Prieta
- **Objective:** Evaluate:
  1. Communications
  2. Incident Command System
  3. Response logistics
  4. Health and medical impacts
  5. Binational plan activation



# PREPAREDNESS

## Agua Prieta Exercise, Cont.

- Lessons Learned:
  - Need appropriate PPE
  - Training needs:
    - ICS
    - Hospital decontamination
    - Clean-up design
  - Plan Updates
    - Maps
    - Contact numbers
    - Combine regional plans
  - Involve Mexico health agencies/ facilities for mass evacuations



January 9<sup>th</sup>, 2005

Day

## One- Afternoon Session

- The Entry Team entered the structure and found a leaking cylinder.



# January 9<sup>th</sup>, 2005

# Day

## One- Afternoon Session

- Drill Two



An aerial photograph of a coastline at sunset. The sky is a gradient of orange and yellow, transitioning into a dark blue sea. The land is silhouetted against the bright sky. The text "Tri-National Partnerships" is overlaid in white, bold font in the center of the image.

## Tri-National Partnerships

# Tri-National Partnerships

- Partnerships
- Communications
- Tri-National Plans
- Training & Exercises
- Real Life Events

# PARTNERSHIPS

- Police
- Fire
- Hospitals
- Emergency Management
- Private Sector

# COMMUNICATIONS

- Develop Relationships
- Develop Infrastructure
- Develop Protocols



# Tri-National Plans

- Sister City
- Sister County/Municipio
- Sister State

# Training & Exercises

- Red Cross
- Public Safety Courses
- Maquiladora Training

# REAL LIFE – August 8, 2005



# Real Life – August 12

## San Lazaro, Mexico Rail spill

- Mexico Players:
  - Civil Protection Sonora, Nogales, Santa Cruz
  - PROFEPA, SEMARNAT, COAPES, CNA, Regulacion Sanitaria
- US Participants:
  - Arizona: Environmental Management, Environmental Quality
  - Pima County
  - Rio Rico Fire
  - Federal: State Department, NRC, EPA, Coast Guard, Border Patrol
  - Nogales FC US Incident Commander
  - Santa Cruz County: Emergency Management, Sheriff, Public Works, Health, Board of Supervisors
  - City of Nogales: Fire, Water Treatment, Public Works, Finance, Mayor's Office



# Real Life – August 12

## San Lazaro, Mexico Rail Car spill (Aug. 2005)

- 2 tank cars ruptured; 24,000 gallons of 98% sulfuric acid to Santa Cruz river 10 miles south of international border
- Response
  - Binational Plan activated
  - Well shut down on the Santa Cruz River
  - Ranchers and well owners downstream advised to shut down wells.
  - Emergency drinking water supplies in AZ
  - Mexico Impoundments to divert flows
  - Lime Treatment



# REAL LIFE – August 18, 2005

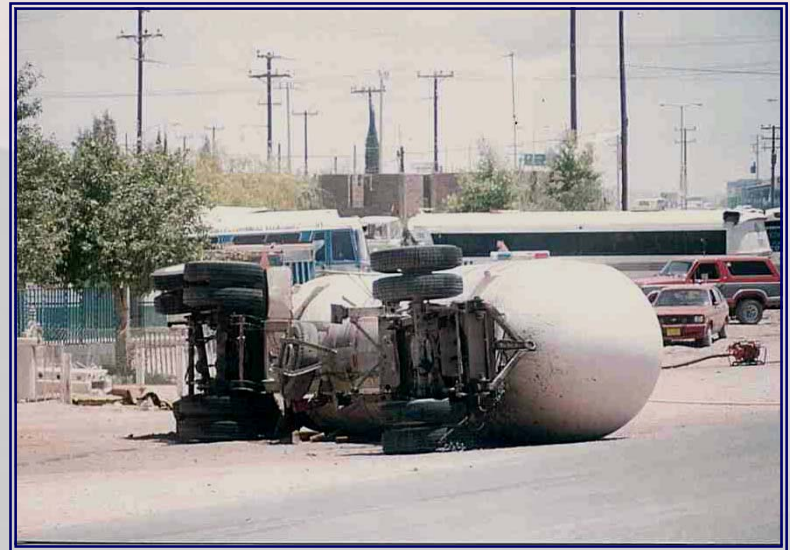


# REAL LIFE – August 25, 2005



# BINATIONAL RESPONSE

- Naco Landfill Fire
  - September 2005
  - Players
    - Bomberos Naco, Sonora
    - Naco, Arizona
    - Cochise County
    - ADEQ
  - State of Emergency Declared
  - Binational Plan Activated
  - Air quality monitoring
  - Equipment loan
- More Emergencies :
  - VH Fire, Nogales, July 14
  - Floods, Nogales, August 8
  - Raw Sewage, Nogales, August 18





# RISK REDUCTION

## High Risk Reduction Pilot (prop.)

### Partners:

- AZ/Sonora Commission
- Mexico/US Consulates
- Border Governors´ Homeland Security/Emergency Preparedness
- Academia
- Community-based groups
- Industry (APSA, Pilot Industry)

### Results:

- Binational emergency notification exercise
- Priorities identified from San Lazaro hot wash & after action report
- Risk Report/Maps
- Improved communication/notification procedures
- Action plan/convenio

