

BORDER 2012: U.S.-MEXICO BORDER PROGRAM

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Overview of the Border Region



Brief history of bi-national environmental cooperation



- 1983 La Paz Agreement
- 1992-1994 IBEP- Integrated Border Environmental Plan
- 1994 NAFTA takes effect
 BECC and NADBank created
- 1996 – 2000 Border XXI
- 2002 – 2012 *Border 2012*



Social Conditions

- From 1993–1997:
 - U.S. border population grew twice as fast as the US average
 - Mexico border population grew three times as fast as the MX average
- 2000 combined pop.: 11.8 million
- 2020 combined pop.: ~20 million



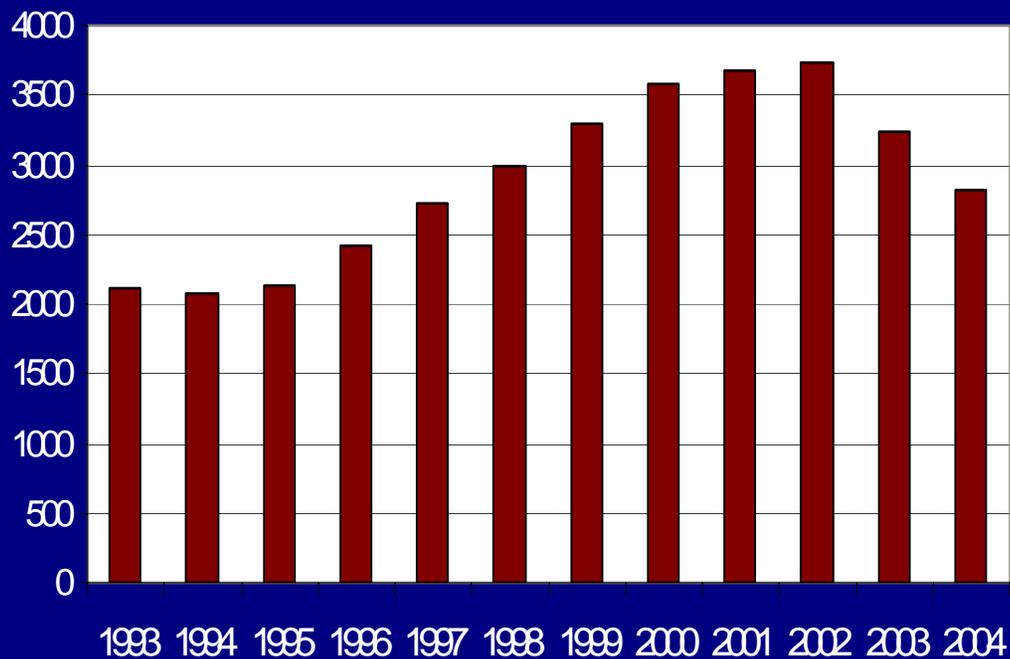
Environmental Conditions

- Inadequate environmental infrastructure
- Serious Air Quality problems
- Improper management of hazardous and solid wastes



Economic Conditions

Growth in Maquiladoras
1993-2004



- *Maquiladoras* are foreign owned product assembly factories in Mexico
- From 1997-2002, ~ 1 new maquiladora opened in Tijuana p/week
- Increased jobs enhanced population growth

Border 2012

- Longer implementation horizon – 10 years
- Measurable objectives
- Region-based vs issue-based workgroups
 - leadership role for state and local government, tribes and indigenous communities, and civil society



Border 2012 Goals

- Goal 1- Reduce Water Contamination



- Goal 2- Reduce Air Pollution



- Goal 3- Reduce Land Contamination



- Goal 4- Reduce Pesticide Exposure & improve Environmental Health



- Goal 6- Improve Environmental Performance



- Goal 5- Reduce Exposure to Chemicals



Water / Wastewater Infrastructure

- EPA has invested \$500 million on 54 projects at a total cost of \$1.5 billion.
- Funds provide clean water to over 6.7 million people on the border.



Potable Water in local communities

- Projects for upgrades or new water systems
- Water systems serve 4 indigenous communities
 - San Antonio Necua, B.C.
 - San Jose de la Zorra, B.C.
 - Santa Catarina, B.C.
 - Quitovac, Son.



Reducing air emissions

- Initial pilot project has retrofitted 40 Mexican trucks with new Diesel Oxidation Catalysts.
- Fleet of School Buses in Nogales will also be retrofitted.



Reducing Land Contamination

- Over 7 Million Abandoned tires along the border
- Numerous Adverse Health Effects
- Fires can last several months to extinguish



Abandoned Tire Piles

- Cleaned up two tire piles in Mexicali (INNOR site below)
 - removed approx. 1.6 Million tires.
- Public-Private partnership

BEFORE



AFTER



Emergency Preparedness & Response

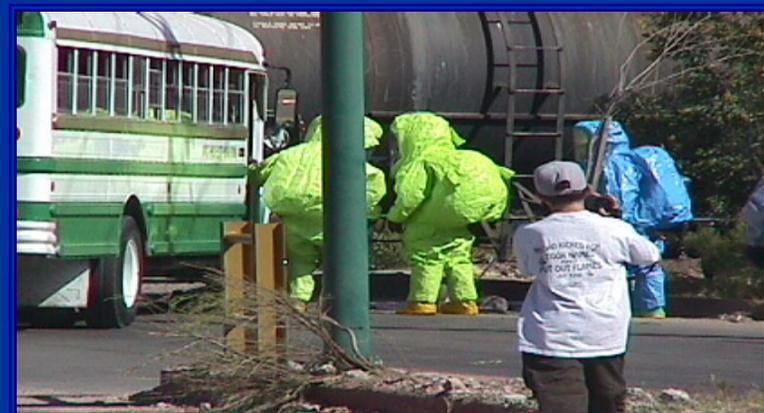
- Creation of binational Emergency Management Institute
- Bilingual Disaster Field Guide
- Bi-national Exercises

2005
English/Spanish Field Guide for
Emergency Response Communication



Guía de Campo para Comunicación de
Respuesta a Emergencias Español/Inglés

Emergency Numbers	Números de Emergencia
Incident Notification	Notificación del Incidente
Substance Identification	Identificación de Sustancias
Container Types	Tipos de Contenedores
Hazmat	Materiales Peligrosos
Medical	Médica
Protective Equipment	Equipo de Protección
Response Actions	Acciones de Respuesta
Reference/Notes	Referencias/Notas



Improving Environmental Performance

- Prioritizing and targeting high-risk pollution sources
- Increased EMS training and implementation in Sonora, Mexicali, and Tijuana
- 435 participants in Compliance Assistance Pollution Prevention trainings



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Visit us at:

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