

# Goal 3 Reduce Land Contamination



Ca/Baja CA and AZ/Son  
**Highlights**

# Goal 3 Reduce Land Contamination

---

## Ca/Baja CA Highlights

- Metales y Derivados cleanup
- Electronics recycling
- Tires management

# Metales y Derivados Lead Smelter Cleanup Complete/ Readies for Reuse

- ❑ Four phase cleanup plan proposed capping
- ❑ Binational workgroup with community role
- ❑ Removed 2000 tons drums/waste
- ❑ Capped 42,000 tons for waste
- ❑ Amongst first cleanup completed under new Mexican law for contaminated site cleanup

Partners – SEMARNAT, PROFEPA, EPA, BECC, SPA, Cal-EPA, Tijuana, Colectivo Chilpancingo, EHC,



# Electronic Recycling Events, Promote Awareness and Reduce Landfill Waste

- ❑ Voluntary collection events in Tijuana with EPA Reg-6
- ❑ Establish industry-gov partnership
- ❑ Multi-media outreach (radio, TV, industry, academic, and gov groups)
- ❑ Promote at International electronics workshop in Tijuana
- ❑ Collected 450 Kg in pilot Dec 2008
- ❑ Collected 12,904 kg May 2008 (30x 1<sup>st</sup>)
- ❑ Findings contribute toward development of regional programs
- ❑ Events planned in 5-cities



# Partners Cleanup Tire Piles, Promote Sustainable Scrap Tire Solutions

- ❑ Used and Waste Tire Flow in CA-Mexico Conference (SDSU)
- ❑ CA/Baja CA sign Binational Tire Initiative May 2008
- ❑ Ten-states sign Binational Tire Initiative at August 2008
- ❑ Mexicali signs initiative to develop tire management plans and collect scrap tires from colonias
- ❑ BECC shares tire plan model for comment



# Goal 3 Reduce Land Contamination

---

## Az/Sonora Highlights

- Tires management
- Arizona Abandoned Border Waste
- Nacozeni Cleanup
- Inspectors
- POE program

# Partners Cleanup Tire Piles, Promote Sustainable Scrap Tire Solutions

---

- ❑ Ten-states sign Binational Tire Initiative at August 2008
- ❑ San Luis Cleanup of 80,000 tires
- ❑ BECC shares tire plan model for comment



# Arizona and Tribes Manage Abandoned Border Waste, Form New Partnerships

- ❑ ADEQ outreach to obtain feedback for border waste
- ❑ Complete UDM Strategy, a collaborative work model to leverage resources
- ❑ UDM issue integrated into Borderlands Management TF, a Southern Arizona Project group
- ❑ Tohono O'dham grant results in cleanups of 109 vehicles, 235 bikes, and 1231 bags waste



# Nacozari Mine Tailing Complete Remedial Design, Secure Funding

- ❑ US-Mexico Binational Center/U-Sonora works with SEMARNAT, CEDES and municipality to complete design
- ❑ Municipality commit to remedy, support long-term management efforts
- ❑ Slope stabilization set as priority, followed by vegetation stabilization
- ❑ Town hall meetings held to inform, advise on remedy on practices to reduce public risks



# Binational Inspector Workshop in Sonora Share Experiences

---

- ❑ Three day training
- ❑ 50 environmental professionals participate
- ❑ Participants simulate inspection at Maquiladora

## **Binational Partners**

**BECC, Western States Project**

**ADEQ, CEDES**

**SEMARNAT, PROFEPA, USEPA**



# US Port of Entry Hazardous Waste Inspection Program, AZ and CA

---

- ❑ DTSC and San Diego County Conduct Inspections weekly at Otay Mesa and Calexico POE
- ❑ Arizona in First Year of Formal POE Program
- ❑ AZ and CA cooperate with EPA on POE and border inspections



# California/Baja CA

## Develop Waste Management Plans, Promote Outreach to Build Programs

---

- Mexicali to develop **tire** management plans and conduct cleanups in colonias, use opportunity for educational outreach
- Baja CA to conduct follow-up **electronics** collections in five-cities, strengthen knowledge to build long-term programs

# Arizona/Sonora

## Develop Waste Management Plans, Promote Outreach to Build Programs

- Arizona to conduct **border waste** assessment, promote web-based data access to strengthen coordination and leverage resources amongst federal, states, and local institutions, and Tribes.
- Sonora to conduct follow-up **electronics** collections, use experience to build long-term programs
- Develop **municipal waste management plans**, focus on waste diversion and “special waste streams” (tires, electronics, other solid waste)

