



# Arizona/Sonora Regional Workgroup Recent Accomplishments

**Edna Mendoza, Arizona Department  
of Environmental Quality (ADEQ)  
National Coordinators' Meeting  
El Paso, Texas  
September 22, 2015**



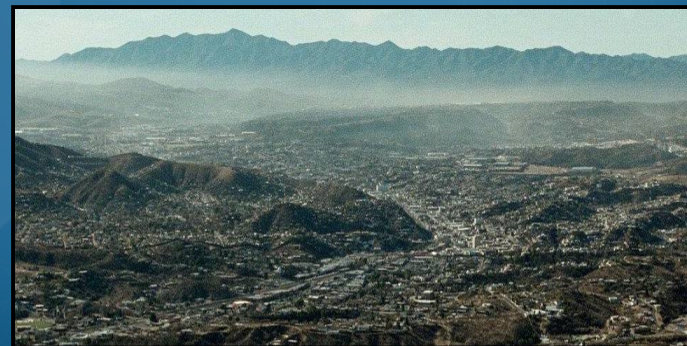
# Arizona/Sonora Regional Workgroup Co-chairs

- United States
  - Jeff Scott, Director, Land Division, Environmental Protection Agency-Region 9 Office (EPA)
  - Amanda Stone, Southern Regional Office Director, Arizona Dept. of Environmental Quality (ADEQ)
- Mexico
  - Jorge Suilo, Delegate, Secretariat for the Environment and Natural Resources (SEMARNAT)
  - Oscar Tellez, Commissioner, Commission of the Environment and Sustainable Development (CEDES)



# Goal 1- Reduce Air Pollution

- Installation and operation of a PM10 monitor in Nogales, Sonora
- Approved a PM-10 State Implementation Plan for Nogales, Arizona to reduce PM10 emissions
- Upgraded the Arizona border air monitoring network with four new air quality monitors in Nogales, Yuma, and two in Douglas, AZ
- Constructed a 16MW solar park (Tucson) that is displacing over 16,000 tons of CO<sub>2</sub>, 11 tons of NO<sub>x</sub> and 17 tons of SO<sub>x</sub> per year. The plant generates enough electricity to power 2100 homes.





## Goal 2- Improve Access to Clean and Safe Water

- Connected 13,259 additional homes to wastewater service in Nogales and San Luis Rio Colorado, Sonora.
- Installed a 1.5MW solar array at the Los Alisos Wastewater Treatment Plant in Sonora. The photovoltaic plant will displace approximately 1.76 million pounds of CO<sub>2</sub>/year.
- Conducted energy audits at utilities in San Luis Rio Colorado, Sonora and Willcox, Arizona to identify energy savings opportunities. Identified over \$140,000 in energy savings per year.





## Goal 3- Promote Materials Management and Waste Management and Clean Sites

- Collected over 398,000 liters of used oil in 103 sites and constructed three used oil collection centers in Nogales, Sonora; trained 280 people; and developed used oil institutional and infrastructure capacity
- Collected over 60,000 lbs. of e-waste in communities in Arizona and Sonora and built municipal capacity to implement e-waste collection events and BMPs. Toolkit for communities to use is available on line in English and Spanish:

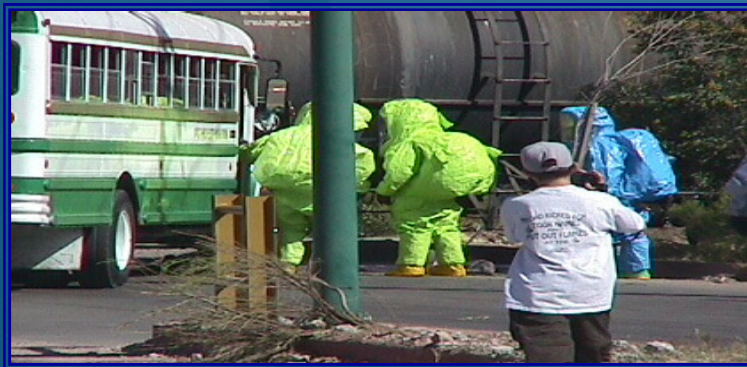
<http://azdeq.gov/environ/waste/p2/ewastetoolkit/index.html>





## Goal 4- Enhance Joint Preparedness for Environmental Response

- Equipped Bomberos in Sonora with Level A, B, and C suits and radiation monitors through a \$200,000 donation by the State of Arizona
- First Responder training and Table Top Exercises conducted in Rio Rico, Arizona and Agua Prieta, Sonora to improve binational emergency preparedness, including:
  - First Responder Awareness/Operations
  - Traffic Incident Management Systems
  - Train derailment and full scale gas line explosion drills





## Goal 5- Enhance Compliance Assurance and Environmental Stewardship

- Convened a two-day tri-national workshop to promote the exchange of information and improve understanding of each country's respective compliance and information programs





# Environmental Health Fundamental Strategy

- Building Environmental Health Capacity
  - Provided train-the-trainer education on pesticide safety and the Agricultural Worker Protection Standard in San Luis, AZ
  - Trained approximately 31 promotores on Healthy Home strategies and concepts in Tucson, AZ
  - Conducted workshop on air quality and asthma, pesticides exposure, lead, and climate change to approximately 40 promotores

