

## Border 2012 Funded Scrap Tire Projects (2004-2008)

	<b>Description</b>	<b>Status / Accomplishments</b>
Scrap Tire Pile Clean-ups	SEMARNAT and EPA began clean-ups 2004. They have collaborated with local and State governments, the private sector, and local citizens to complete the clean-ups.	<ul style="list-style-type: none"> <li>• 3.5 million tires have been cleaned up mostly used as tire derived fuel in cement kilns</li> <li>• Clean-up completed for two of the largest tire piles (Centinela and Innor) and clean-up of third site is underway</li> <li>• Smaller site clean-ups are occurring</li> </ul>
Border 2012 Scrap Tire Group	In 2006, a Border 2012 workgroup was created that emphasizes cooperation among stakeholders who have an interest in border scrap tire issues. These stakeholders include governmental entities, academia, the private sector and non-governmental organizations.	<ul style="list-style-type: none"> <li>• Meets annually</li> <li>• Has over 200 members</li> </ul>
U.S.-Mexico Border Scrap Tire Inventory Summary Report	This is the first inventory to be completed of scrap tires for the entire U.S.-Mexico border region. It features a GIS map of scrap tires in the region.	<ul style="list-style-type: none"> <li>• Can be used in the decision making process for preventing scrap tire piles</li> <li>• Completed in May 2007</li> </ul>
U.S.-Mexico Scrap Tire Integrated Management Initiative (Tire Initiative)	The Tire Initiative defines the principles and actions necessary to develop sustainable scrap tire management plans. It was created with the input of the Border 2012 Scrap Tire Group and resulted from commitments made at the 2004 U.S.-Mexico Binational Commission meeting.	<ul style="list-style-type: none"> <li>• In October 2006 the Tire Initiative was signed by the Border 2012 National Coordinators, EPA's Jerry Clifford and SEMARNAT's Teresa Bandala</li> </ul>
Collaborative Effort on U.S.-Mexico Scrap Tire Integrated Management Initiative	In order to implement the Tire Initiative and to reduce current and future tire piles, EPA and SEMARNAT launched an outreach campaign. The Tire Initiative Collaborative Effort is geared towards Border States, municipalities and other governmental and nongovernmental entities. The goals of the campaign are to: increase awareness and understanding of the Tire Initiative; promote actions to cleanup and prevent future tire piles; and obtain commitment from Border States, municipalities and other governmental and nongovernmental entities to collaborate on the Tire Initiative by signing a Letter of Understanding.	<ul style="list-style-type: none"> <li>• All Ten Border States signed a Letter of Understanding on August 14, 2008</li> <li>• Baja California, Cal EPA, and the U.S. Rubber Manufacturers Association signed a Letter of Understanding on May 9, 2008</li> <li>• The municipalities of Nogales and San Luis have signed letters in 2007</li> <li>• The Border Legislative Conference supports Tire Initiative and endorses the sharing of information with border municipalities</li> </ul>
Border Scrap Tire Action Plans	A compendium of Border scrap tire action plans describing scrap tire projects occurring across the border has been created. Project leads are Border 2012 Scrap Tire Group members.	<ul style="list-style-type: none"> <li>• Twenty-nine projects highlighted</li> <li>• Compendium distributed widely</li> </ul>
Scrap Tire Recycling Applications Handbook	The development of a handbook that describes and compares various ways to recycle scrap tires is currently underway. The handbook is intended to accelerate market development efforts by providing critical information on approaches to recycle scrap tires and their applicability within both Mexico and the U.S.	<ul style="list-style-type: none"> <li>• Currently being developed</li> </ul>
Guidance on Risk Reduction on	SEMARNAT in collaboration with the Rubber Chamber of Mexico has produced a document that provides guidance for managing tire	<ul style="list-style-type: none"> <li>• Guidance is near completion</li> </ul>

Managed Scrap Tire Stockpiles	stockpiles. The object of the guide is to establish basic criteria for the construction and operation of tire piles.	
Waste Tire Reuse for Highway Construction Applications	EPA Region 6 in Dallas is funding a project to conduct a field demonstration with a municipal landfill in Brownsville, Texas to evaluate using waste tire bales in road construction.	<ul style="list-style-type: none"> <li>• Project completion expected by 2009</li> </ul>
Scrap Tire Management Planning with Baja CA and Sonora	This project involves working with at least one municipality in Baja CA and Sonora to assess scrap tire management practices and needs, and work on short and long-term institutional and infrastructure planning. The project will develop a plan using guidance from the actions recommended in the Tire Initiative.	<ul style="list-style-type: none"> <li>• Completion of first phase is expected by September 2008 and the second phase by September 2009</li> </ul>
New Mexico-Chihuahua Rural Task Force Scrap Tire Clean-up Project	The Border 2012 New Mexico-Chihuahua Rural Task Force completed a project in Palomas and Ascensión, Chihuahua that consisted of a technical workshop on scrap tire management and disposal options for rural communities in the task force region; an assessment of location and size of scrap tire piles in Palomas and Ascensión; education and outreach on proper disposal of scrap tires including development and distribution of outreach materials; and clean-up and baling of scrap tires.	<ul style="list-style-type: none"> <li>• This project was initiated in fall 2006 and completed fall 2007</li> </ul>
Bi-national Community Action for Environmental Cleanup and Education	The focus of this EPA Region 6 funded project is on education and removal of abandoned waste tires from a large stockpile in the US-Mexico border region of Luna County, New Mexico. The project focuses on local action coupled with concepts of health promotion, community beautification, and literacy, thus creating community awareness about the environmental issues associated with the improper management of scrap tires.	<ul style="list-style-type: none"> <li>• As a result of the efforts of New Mexico State University College of Health and Social Services, the Universidad Autonoma Ciudad Juarez, and the local community, over 160,000 tires were removed from a 120 acre site</li> <li>• Cleanup completed in 2007</li> </ul>