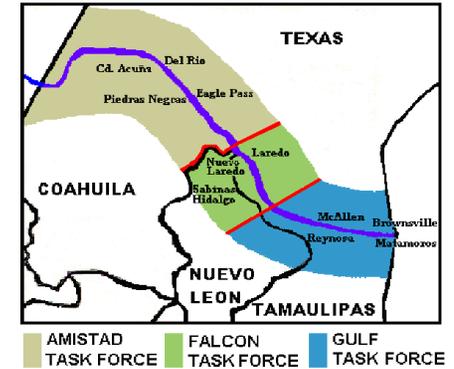


# BORDER 2020 Two-Year Action Plan for the TX-COAH-TAMP-NL Regional Workgroup (Draft: 8/1/12 – F)

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The **Four-State Regional Workgroup** is the most complex of the four regional workgroups, because of its geographical expanse and the number of municipalities. The region includes parts of three states and a total of at least 29 municipios on the Mexican side, and 168 cities and towns on the U.S. side. Recognizing this, the workgroup divided itself into three geographically based Task Forces—Amistad, Falcon, and Gulf, each of which has established subject-specific committees related to its priority concerns.

During the first half of 2012, the various committees have held meetings to discuss initial priorities for the Border 2020 program, and a regional meeting of leaders was held in June to develop a consensus of priorities at the task force and regional workgroup levels.

## Regional Priorities

1. Improve air quality through the following approaches:
  - a. Analyze emissions and emission sources in specific airsheds
  - b. Engage in both road-paving and reforestation (using native species)
  - c. Establish or improve vehicle inspection programs in those cities where the respective federal governments require them
  - d. Increase energy efficiency at the consumption level and the use of renewable energy at all appropriate levels
2. Improve water quality by taking the following actions:
  - a. Evaluate the portion of the Rio Grande watershed that is in the region
  - b. Reduce contamination by providing wastewater treatment to unserved communities in the watershed
  - c. Improving the existing treatment facilities by applying the most effective technologies and providing training to operators
  - d. Develop more applications for the re-use of water
  - e. Reduce non-native species in the water bodies
  - f. Continue and expand environmental education efforts such as “Adopt the River” and “Day of the River”
3. Address problems of improper waste disposal:

- a. Develop comprehensive plans for solid waste management, including special wastes (such as sludge from wastewater treatment plants, scrap tires, and used electronic products) and hazardous wastes (residues from pesticides, extraction of fossil fuels, and medical facilities), looking for economic/productive uses of wastes whenever possible
  - b. Expand environmental education related to waste issues
  - c. Close and remediate open dumps wherever required by regulation
4. Assure that each project includes a component of environmental education (such as teacher training or building an environmental library), at least one indicator related to public health, and inspection and surveillance

### **Individual Task Force Priorities**

#### ***Amistad Task Force***

1. Reduction of energy consumption in buildings and street lighting
2. Increased use of alternate and renewable energy sources (such as landfill gas and solar energy)
3. Construction of sanitary landfills
4. Attention to waste disposal in gas drilling operations
5. Continuing attention to emergency response
6. Harmonization of protocols related to coal mining and remediation and to petroleum materials
7. Improvement of vehicle inspection programs in Coahuila
8. Joint programs in communication and environmental education, and development of an environmental educators group

#### ***Falcon Task Force***

1. Re-use of treated water
2. Monitoring of drilling operations in the Eagle Ford Shale
3. Finalizing the cross-border contingency plan

#### ***Gulf Task Force***

1. Improvement of water-related infrastructure, and increased attention to water conservation and re-use
2. Increased recycling
3. Continuing capacity-building at the local, state, and federal levels of government
4. Technical exchanges, including best practices and lessons learned

**Border 2020**  
**Two-Year Action Plan Grid**  
**for the Four-State Regional Workgroup**

[Draft -8/1/12-F]

**Legend:**

	Activity covers at least two task force areas
	Gulf Task Force
	Falcon Task Force
	Amistad Task Force

**GOAL # 1: Reduce Air Pollution**

B2020 Obj.	Description of Project	Collaborating Organizations	Anticipated Cost	Source(s) of funding	Points of Contact	2013-2014 Target	Progress Towards Target
<b>Objective 5: By 2020, reduce emissions and associated impacts, through energy efficiency and/or alternative/renewable energy projects.</b>							
	Implement a competitive grants program aimed at local governments, dedicated to improvements in energy efficiency	University of Texas at Austin, LBJ School	\$175,000	EPA and TCEQ	David Eaton (LBJ School), <a href="mailto:eaton@mail.utexas.edu">eaton@mail.utexas.edu</a>	All projects will be completed by August 2013	RFP will be issued in October 2012
	Research the potential for harnessing wind power for electricity in Tamaulipas	SEMARNAT and SEDUMA			<a href="mailto:Delfino.ramirez@semarnat.tamaulipas.gob.mx">Delfino.ramirez@semarnat.tamaulipas.gob.mx</a>		
	Research the potential for harnessing wind power for electricity generation in Nuevo León	Secretaría de Desarrollo Sustentable de Nuevo León	\$10,000	FONDOS FEDERALES/C ONACYT	<a href="mailto:normaarangel@gmail.com">normaarangel@gmail.com</a>	Establish monitoring in the Region	Develop a map of viable sites and monitored sites
	Establish a facility to extract methane gas	Municipio de Nuevo	\$300,000	SEMARNAT,	Alejandro Perez	The facility will be in	Feasibility study was

	from the Nuevo Laredo landfill and burn it to generate electricity for the municipality	Laredo and Setasa (Servicios de Tecnología Ambiental S.A.)	(pesos?)	U.S. Agency for International Development (USAID), and BECC	Tapia (Servicios de Tecnología Ambiental-SETASA) <a href="mailto:alejandro.perez@proactiva.com.mx">alejandro.perez@proactiva.com.mx</a>	full operation by early in 2014.	completed. An RFP for a builder-operator will be issued in early 2013
	Implement a pilot program to diagnose the existing fleet of heavy-duty commercial trucks in cross-border trade in the Laredo -Nuevo Laredo area, identify retrofit technologies that would reduce emissions, and share the information at a binational forum	Municipio de Nuevo Laredo	\$50,000	EPA Border Grant thru BECC	Oswaldo Valencia (Municipio de Nuevo Laredo—Ecology Program) <a href="mailto:valencia_osvaldo@hotmail.com">valencia_osvaldo@hotmail.com</a>	By the end of 2014, complete the project— generate and disseminate data on existing fleet and retrofiting possibilities (technologies, costs, and suppliers).	As of April 2012, the project had not yet been launched.
	Improvements to Coahuila’s vehicle inspection program and consultation with Texas regarding its experience.	SEMA Coahuila, COMIMSA, Municipio de Piedras Negras, Municipio de Acuña	\$15,000		Miguel Ángel Reyes (SEMA Coahuila) <a href="mailto:miguel.reyes@sema.gob.mx">miguel.reyes@sema.gob.mx</a>	By the end of 2014, establish the unified vehicle verified criteria for Coahuila and Texas.	
	Establish an Air Quality Monitoring System in Piedras Negras, Coahuila.	SEMA (Coahuila), COMIMSA, Municipio de Piedras Negras			Miguel Ángel Reyes (SEMA Coahuila) <a href="mailto:miguel.reyes@sema.gob.mx">miguel.reyes@sema.gob.mx</a>	By the end of 2012, there will be an air quality monitoring system installed in Piedras Negras, Coahuila	
	Reduction of energy consumption in public buildings in Piedras Negras and Acuña, Coahuila.	SEMA (Coahuila), Municipio de Piedras Negras y Municipio de Acuña	\$500,000		Olga Rumayor (SEMA Coahuila) <a href="mailto:olga.rumayor@sema.gob.mx">olga.rumayor@sema.gob.mx</a>	By the end of 2014, new technology implemented in public buildings for energy savings.	

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

B 2020 Obj.	Description of Project	Collaborating Organizations	Anticipated Cost	Source(s) of funding	Points of Contact	2013-2014 Target	Progress Towards Target
<b>General</b>							

	Build and operate a desalination plant in Nuevo León, using renewable energy as the energy source for the plant  (brackish ground water?)	Servicios de Agua y Drenaje de Monterrey (SADM) - Nuevo León's Water utility		SADM, BECC and National Water Commission	<a href="mailto:normaarangel@gmail.com">normaarangel@gmail.com</a> y <a href="mailto:carlos.avila@sadm.gob.mx">carlos.avila@sadm.gob.mx</a>	Build and operate a desalination plant in Nuevo León, using renewable energy as the energy source for the plant	
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**Objective 2: Help drinking water and wastewater service providers in the border region to implement sustainable infrastructure practices to reduce operating costs, improve energy efficiency, use water efficiently and adapt to climate change.**

	Organize workshops in Laredo and Reynosa for water utilities and the restaurant industry to discuss best practices related to abatement of discharges of fats, oils, and grease (the Laredo workshop will also involve Nuevo Laredo)	City of Laredo water utility, Webb County, Nuevo Laredo, Municipio of Reynosa, and Reynosa water utility	\$39,000	EPA Border 2012 grants through the BECC	Karla Robles (City of Laredo Utilities) <a href="mailto:krobles@ci.laredo.tx.us">krobles@ci.laredo.tx.us</a> and Mauricio Chalons (Municipio of Reynosa), 899 263-3798 <a href="mailto:ecologiareynosa@hotmail.com">ecologiareynosa@hotmail.com</a>	Hold the workshop by the spring of 2013s	
Sub-obj. 2b	Install new sewer lines connected to Nuevo Laredo's wastewater treatment system to prevent contaminated discharges to the Rio Grande	COMAPA and Municipio de Nuevo Laredo	\$5,000,000	North American Development Bank (NADB)	Carlos Montiel Saeb (Comisión Municipal de Agua Potable y Alcantarillado—COMAPA) <a href="mailto:carlosmontielsaeb@hotmail.com">carlosmontielsaeb@hotmail.com</a>	The project was certified on July 17, 2012 and is expected to be completed by Summer 2013.	

**Objective 3: Work binationally to identify and reduce surface water contamination in transboundary waterbodies or watersheds.**

	Implement a public campaign to increase awareness of problems related to non-point -source pollution in the Lower Rio Grande Valley of Texas, through signs posted on roadways and at public facilities, messages on a school district television station, presentations at numerous public events and meetings, and newsletters of various organizations.	15 Lower Rio Grande Valley (LRGV) cities that are members of the Texas Pollution Discharge Elimination System Stormwater Task Force, Texas A&M Kingsville, school districts, and NGOs	\$40,000	EPA Border 2012 Grant Program	Javier Guerrero (Lower Rio Grande Valley TPDES Stormwater Task Force, Texas A&M University-Kingsville), 956- 457-3023 <a href="mailto:jguer0351@aol.com">jguer0351@aol.com</a>	The project will be completed by the end of 2013.	As of May 2012, the project team had begun scheduling presentations at events in rural areas.
Sub-Obj. 3a	Implement a binational Lower Rio Grande Water Quality Initiative that characterizes the state of the river, develops a strategic plan to improve environmental conditions, and proposes	TCEQ, EPA, IBWC, CONAGUA, and federal, state, and local government agencies		TCEQ, EPA, IBWC, and federal, state, and local	Kelly Holligan (TCEQ), 512-239-2369, <a href="mailto:Kelly.holligan@tceq.texas.gov">Kelly.holligan@tceq.texas.gov</a>	The project will be started binationally by the end of 2014.	As of May 2012, collaborating organizations were still forming the partnership.

	a monitoring plan to document progress			government agencies			
	Feasibility study for waste water treatment plants in the municipalities of Hidalgo and Guerrero, Coahuila	CEAS Coahuila, SEMA Coahuila	\$15,000		Alejandra Carrera (SEMA Coahuila) alejandra.carrera@sema.gob.mx	By early 2014, studies needed to build waste water treatment plants in Hidalgo and Guerrero, Coahuila	
	Design and implement local public conservation campaigns and land conservation agreements for Rio San Rodrigo and Arroyo Las Vacas	SEMA Coahuila, Municipio de Piedras Negras and Municipio de Acuña	\$400,000		Alejandra Carrera (SEMA Coahuila) alejandra.carrera@sema.gob.mx	By the end of 2014, design and implement local public conservation campaigns and land conservation agreements.	
	Implement an invasive species plant removal program in the Rio Grande	SEMA Coahuila, CONANP, Profaua	\$85,000		Alejandra Carrera (SEMA Coahuila) alejandra.carrera@sema.gob.mx	By the end of 2014, increase the invasive species plant removal program in the Rio Grande	
	Design and Implement local public education campaigns on water conservation, including offering tax and rebate incentives (successful examples are available in El Paso and Laredo)	City of Laredo, TCEQ & EPA, TX Water Development Board	\$6,000	EPA and Local Sponsors,	Miguel A. Pescador <a href="mailto:mpescador@ci.laredo.tx.us">mpescador@ci.laredo.tx.us</a>  Victor Wong, TCEQ	Coordinate a regional best practice workshop by Spring 2013  Pilot a best practice campaign in two sister cities before 2014	

### Goal # 3: Promote Materials Management, Waste Management and Clean Sites

B 2020 Obj.	Description of Project	Collaborating Organizations	Anticipated Cost	Source(s) of funding	Points of Contact	2013-2014 Target	Progress Towards Target
<b>General</b>							
<b>Objective 1: By 2020, increase local and state-level knowledge and experience in the area of sustainable material management practices.</b>							
	Design and implement a bilingual campaign against illegal dumping in Cameron County, Texas, using billboards, newspapers and workshops at schools	Cameron County and Valley Proud Environmental Council	\$10,000	LRGVDC-TCEQ	Marcie Oviedo (Lower Rio Grande Development Council), <a href="mailto:moviedo@lrgvdc.org">moviedo@lrgvdc.org</a>	The project will be completed by the end of 2014.	As of May 2012 the project had not been launched.

					(956) 682-3481		
	Through purchase of equipment, enhance the recycling programs in three local jurisdictions and composting operations in two jurisdictions, and develop and implement a public education campaign regarding illegal dumping in a sixth jurisdiction	The Cities of Pharr, Mission, McAllen, and Mercedes, the Town of Bayview, and Cameron County	\$160,000	Lower Rio Grande Valley Development Council, TCEQ, and individual local government	Marcie Oviedo (Lower Rio Grande Development Council), <a href="mailto:moviedo@lrgvdc.org">moviedo@lrgvdc.org</a> (956) 682-3481	This project is a combination of six separate projects funded by the LRGVDC and they will all be completed by the end of 2014.	As of May 2012 the project had not been launched.
	Link and promote the Federal Program "Green Schools" in all three Mexican states in the region and explore possible use in Texas	SEMARNAT Tamaulipas, and state agencies in Tamaulipas, Nuevo León, and Coahuila			<a href="mailto:Delfino.ramirez@semarnat.tamaulipas.gob.mx">Delfino.ramirez@semarnat.tamaulipas.gob.mx</a>		
	Establish an environmental organization to develop environmental awareness and clean-up programs in Nuevo Laredo.	Keep Laredo Beautiful, Keep America Beautiful, and the Municipio de Nuevo Laredo	\$5,000	The Gateway Rotary Club and Keep America Beautiful	Lynne Nava (Keep Laredo Beautiful) <a href="mailto:lnava1@ci.laredo.tx.us">lnava1@ci.laredo.tx.us</a>	Recruit reps of non-profit organizations and school officials as members and name a board of directors in 2013.	
	Expand a municipal recycling program started in March 2012 in Nuevo Laredo and currently consisting of placing public bins in parks, to include all elementary schools in Nuevo Laredo	Municipio de Nuevo Laredo		Municipio de Nuevo Laredo	Oswaldo Valencia (Municipio de Nuevo Laredo—Ecology Program) <a href="mailto:valencia_osvaldo@hotmail.com">valencia_osvaldo@hotmail.com</a>	Install the bins at all elementary schools in 2013 and start relevant environmental education programs for students.	
<b>Objective 2: By 2014, identify priority waste streams and by 2020 develop sustainable material management practices that strengthen their respective market value.</b>							
	Build capacity in scrap-tire management throughout the region	Sustainable Development Secretariat, State of Nuevo León	\$35,000	EPA Border Grant thru BECC	Lic. Norma a. Rangel Sevilla	Best practices manual	Approved by BECC
	Use organic waste generated in Sabinas Hidalgo, Nuevo León to make compost and add to agriculture and urban gardening activities	Sustainable Development Secretariat, SEMARNAT-Municipio of Sabinas Hidalgo,	Mexican Federal Funds	Municipio of Sabinas Hidalgo Nuevo León	<a href="mailto:normaarangel@gmail.com">normaarangel@gmail.com</a> y <a href="mailto:chel1977@live.com.mx">chel1977@live.com.mx</a>	Compost 100% of organic waste collected by the municipality	Plant pricing

		Nuevo León					
	Assess the feasibility of using scrap tires for heavy-duty road-bed construction in Brownsville, TX	Texas A&M University – Kingsville	\$15,000	EPA Border Grant thru BECC	Dr. Kim Jones <a href="mailto:kfkjdj00@tamuk.edu">kfkjdj00@tamuk.edu</a>		
	Conduct educational workshops on safe handling and disposal of pesticides for farm workers in the Lower Rio Grande Valley of Texas	Migrants in Action – Weslaco, Texas	\$20,000	EPA Border Grant thru BECC	Noemi Ochoa (Association of Farmworker Opportunity Programs), <a href="mailto:ochoa@afop.org">ochoa@afop.org</a>	The project will be completed by the end of 2013.	As of May 2012 the project had not been launched.
	Develop a composting operation in Nuevo Laredo using sludge from the wastewater treatment plant and yard wastes, and apply the product in municipal parks as well as in homes (through sales to homeowners).	COMAPA and Municipio de Nuevo Laredo		Municipio de Nuevo Laredo	Carlos Montiel Saeb (Comisión Municipal de Agua Potable y Alcantarillado—COMAPA) <a href="mailto:carlosmontielsaeb@hotmail.com">carlosmontielsaeb@hotmail.com</a>	The program, including applications and sales, is expected to be in full operation by sometime in 2013.	As of April 2012 the equipment had been purchased, and process is being tested.
	Implementation of an electronics waste collection program, mitigation of waste disposal in dumpsites, vacant lots, and illegal dumpsites.	Municipio of Reynosa	\$30,000	EPA Border 2012 Grant Program	Mauricio Chalons (Municipio of Reynosa), 899 263-3798 <a href="mailto:ecologiareynosa@hotmail.com">ecologiareynosa@hotmail.com</a>	The project will start in August 2012 and may be completed by Abril 2013	

**Objective 3: By 2020, improve knowledge in every level of government (federal, state, local) to characterize and remediate contaminated sites.**

	Complete the remediation of old oxidation lagoons that pose public and environmental health hazards to the community	Municipio de Piedras Negras and State of Coahuila environmental agency (SEMA)	\$300,000	State of Coahuila environmental agency (SEMA)	Alfredo Lucero (Piedras Negras), <a href="mailto:aalm68@hotmail.com">aalm68@hotmail.com</a>	The remaining 10.3 acres will be remediated by 2013, after which the municipality will develop a road extension to and a green area at the site.	As of April 2012, 19.7 acres of the 30-acre site had been remediated.
	Cleanup of an old disposal site near the river banks of the Rio Grande in Eagle Pass	City of Eagle Pass	\$3,500,000	City of Eagle Pass plus an additional funding source to be determined	Hector Chavez (Eagle Pass) <a href="mailto:hchavez@eaglepasstx.us">hchavez@eaglepasstx.us</a>	Eagle Pass would like to finish the remediation in 2013, if supplementary funding can be identified, and develop a green area on the site.	As of April 2012, five acres had been cleaned up and a protective cap constructed.

	Management and final disposal of used tires.	SEMA, Municipio de Piedras Negras	\$400,000		Miguel Angel, Leal (miguel.leal@sema.gob.mx)	A final disposal roundup will be completed by the end of 2014	
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## Goal #4: Enhance Joint Preparedness for Environmental Response

B2020 Obj.	Description of Project	Collaborating Organizations	Anticipated Cost	Source(s) of funding	Points of Contact	2013-2014 Target	Progress Towards Target
<b><u>Objective 2: By 2020, at least eight (8) of the sister city joint contingency plans will be supplemented with preparedness and prevention related activities such as certified training, risk analysis, and/or capacity building.</u></b>							
	Develop an emergency plan for the maquilas in Brecha E-99 in Reynosa, Tamaulipas	CAMPIR (Comite de Ayuda Mutua del Parque Industrial Reynosa) (Reynosa Industrial Park Mutual Aid Committee)	\$10,000	EPA Border Grant thru BECC	Dr. Emilio Sonderegger Arriola emilio.sonderegger@landisgyr.com		
	Provide HAZMAT equipment to Rio Bravo, Tamaulipas	EPA, NORTHCOM, fire department of Rio Bravo	\$ 50,000	EPA Border 2012 and Department of Defense Northern Command (NORTHCOM)	Paige Delgado (EPA), <a href="mailto:Delgado.paige@epa.gov">Delgado.paige@epa.gov</a> or EPA Region 6	The project will be completed by end of 2012.	As of May 2012 the project had not started.
	Train first responders on the handling of hazardous materials (HAZMAT) and the use of donated equipment in the municipios of northeastern Tamaulipas	EPA and NORTHCOM		EPA and NORTHCOM	Paige Delgado (EPA), <a href="mailto:Delgado.paige@epa.gov">Delgado.paige@epa.gov</a> or EPA Region 6	The project will be completed by early 2013.	As of May 2012 the project had not been launched.
	Hold a "knowledge exchange" on risk mapping for civil protection staff on both sides of the Lower Rio Grande Valley in Texas-Tamaulipas, to identify and gain access to existing sources of data on hazmat storage and determine the needs for improving the accessibility for first responders	Fire departments from Texas and Mexican municipalities in the Gulf Task Force area, EPA, TCEQ, Civil Protección Tamaulipas and Mexico Civil Protección		EPA Border 2012 and NORTHCOM	Paige Delgado (EPA), <a href="mailto:Delgado.paige@epa.gov">Delgado.paige@epa.gov</a> or EPA Region 6	By the end of 2012 EPA will provide funding for and help organize the forum.	As of May 2012 the project had not been launched.

	Hold a binational chemical-spill exercise at Bridge III between Nuevo Laredo and Laredo	Civil Protection and Fire Department of Nuevo Laredo, Tam., and the City of Laredo Fire Dept.	\$5,000	EPA Border Grant thru BECC	Lic. Juan Ernesto Rivera Gómez Héroe de Nacataz y Morelos, Sector Centro proteccioncivilnuevolaredo@hotmail.com or ernestorivera5775@hotmail.com		
	Develop a joint contingency plan for the Solidarity Bridge that involves first responders from Colombia (Nuevo León), Nuevo Laredo (Tamaulipas), and Laredo (Texas), recognizing that Colombia, which is upstream from the other two cities, is much smaller and yet shipments of hazardous materials in the area are currently directed to this bridge	Civil Protección and fire departments for both Colombia and Nuevo Laredo, CODEFRONT, and the City of Laredo	\$5,000	EPA-COCEF-PROFECPA-PROTECCIÓN CIVIL	Protección Civil <u>Jorge Camacho???</u>	Participate in the Laredo-Nuevo Laredo Sister Cities emergency plan	Joint mock exercises have taken place
	Finish updating the 1998 Cross-Border Contingency Plan between the sister cities of Laredo, Texas and Nuevo Laredo, Tamaulipas, in order to improve emergency response communication and protocols.	Laredo Fire Department, Protección Civil de Nuevo Laredo, and CILA		City of Laredo and Nuevo Laredo	Eloy Vega (City of Laredo Fire Department) <u>evega@ci.laredo.tx.us</u>  Ernesto Rivera (Protección Civil de Nuevo Laredo) <u>proteccioncivilnuevolaredo@hotmail.com</u>	Hold new meetings of the staff of the two cities in 2013 in order to re-visit the language of the draft revision and possibly develop alternative language.	A draft version of the plan was completed, but the Laredo City Council has postponed approval because of security and personnel concerns
	Update and improve the Cross-Border Contingency Plan for emergency response for the sister cities of Eagle Pass, Texas and Piedras Negras, and the City of Del Rio and Ciudad Acuña Coahuila, which will include risk analysis and development of risk maps.	City of Eagle Pass, Municipio de Piedras Negras, City of Del Rio, Municipio de Ciudad Acuña BECC, and the Rio Grande Institute	\$130,000	EPA Border Grant thru BECC	Bill Skeen <u>Bskeen@apptx.com</u>	The revised plan is scheduled to be finalized and signed by May 2013.	As of April 2012, the Rio Grande Institute has conducted the first of two planned workshops to seek input on cross-border emergency response protocols and identify transboundary risks. The second workshop

							will take place in May 2012.
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## Multi-Goal Projects

B 2020 Obj.	Description of Project	Collaborating Organizations	Anticipated Cost	Source(s) of funding	Points of Contact	2013-2014 Target	Progress Towards Target
	Organize educational campaigns featuring training sessions for health professionals, health students, and promotoras followed by community outreach in the Laredo and Harlingen areas in Texas, addressing children’s potential exposure to pesticides, lead, solvents, second-hand tobacco, and diesel exhaust. The campaigns will also include reducing prenatal and childhood environmental exposure risks among Hispanic families	The University of Texas Health Science Center in San Antonio	\$50,000	EPA Border 2012 Grant Program thru BECC	Claudia Miller, M.D., MillerCS@uthscsa.edu or <a href="mailto:steer@uthscsa.edu">steer@uthscsa.edu</a>	The project will be completed by the end of 2013.	As of May 2012 the project had not been launched.
	Identify the sources of environmental health hazards through a “knowledge exchange” workshop and establish a binational database on epidemiological data related to these hazards.	Texas A&M Health Science Center, School of Rural Public Health, PAHO, BECC, HIDALGO COBINA, Hidalgo County Health Dept.	\$50,000	EPA Border 2012 Grant Program thru BECC	Genny Carrillo (Texas A&M Health Science Center, School of Rural Public Health), <a href="mailto:gcarrillo@srph.tamhsc.edu">gcarrillo@srph.tamhsc.edu</a>	Conduct “knowledge exchange” between U.S. and Mexican health professionals by the end of 2013.	The project began on April 1, 2012.
	Address children’s environmental health issues in Laredo, Texas by surveying a sample of homes and identifying health risks, tracking reported exposures through selected hospitals and clinics, developing and implementing a public outreach campaign regarding the identified risks, and identifying and publicizing two relevant online courses available for physicians	Laredo Health Department	\$50,000	EPA Border 2012 Grant Program thru BECC	Waldo Lopez (City of Laredo Health Department) <a href="mailto:wlopez@ci.laredo.tx.us">wlopez@ci.laredo.tx.us</a>	Complete the project by the end of 2014.	As of May 2012, the project team had started the survey of homes and the tracking of data from hospitals and clinics.
	Using promotoras, conduct an educational outreach program on pesticides, aimed at	The University of Texas Health	\$250,000	Centers for Disease	Dr. Rodolfo Rincon (University of Texas	Complete the project by the middle of 2013 by	As of April 2012 promotoras have given

	families in Webb County colonias with children between six months and five years of age, and use pre- and post-tests to determine the program's effectiveness.	Science Center and Texas A&M Health Science Center		Control (CDC)	Health Science Center in San Antonio-Laredo)	delivering the module to, and conducting the tests with, an additional 72 families.	pre-module questionnaires relating to pesticide use to 144 families, delivered an education module to those families, and then administered post-tests.
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## BECC Projects in Pipeline Relates to B2020 as of June 2012

BECC projects related to B2020	Border 2020 Objective	Project Title	Project Description	Anticipated Cost	Location	Status
Goal 1 Reduce Air Pollution	<b>Objective 2:</b> By 2020, reduce pollutant emissions in order to approach attainment of respective national ambient air quality standards (road paving to control dust)	State paving program for Tamaulipas	Pavimentacion asfáltica y construcción de guarniciones y banquetas de concreto hidráulico, para vialidades de acceso a diferentes colonias, interconexion vial de zonas urbanas y vialidades utilizadas por el transporte urbano de pasajeros, ubicadas en nuevo laredo, reynosa, río bravo, matamoros y ciudad victoria, tamaulipas, considerándose un total de 840,600 metros	46.38 MD	Border Cities TAMPS	In pipeline (on hold)
		PROGRAMA DE INFRAESTRUCTURA MUNICIPAL BASICA	Con este proyecto se pretende Terminar con el rezago de pavimentación de los sectores sociales más desprotegidos lo cual tendrá alto impacto social y se alcanzará a cubrir alto porcentaje de calles pavimentadas, además ayudará a reducir la incidencia en enfermedades de las vías respiratorias. Adicionalmente, mejorara la infraestructura, imagen y movilidad urbana.	27 MD	Nuevo Laredo TAMPS	In Pipeline (Under development)
	<b>Objective 5:</b> By 2020, reduce emissions and associated impacts, through energy efficiency and/or alternative/renewable energy projects	Generación de energía en sanitario zona centro Estado de Coahuila	Se trata de un proyecto de quema de gas y posteriormente la generación de energía eléctrica con el biogas a producir con el relleno sanitario	Central Cities COAH	Application	
		Energeo Los Molinos	El Parque Eólico Energeo Los Molinos se localizara al sur de Matamoros a 25 km de la frontera. Contara con una capacidad instalada de 102 MW y se espera una generacion de 350 GWh anuales aprox.	22 MD	Matamoros, TAMPS	Application
		APROVECHAMIENTO DE BIOGÁS A ENERGÍA EN EL RELLENO SANITARIO MUNICIPAL DE SALTILLO, COAHUILA	Construcción de la infraestructura necesaria para extraer el biogás, que se ha y esta generando, a partir de la descomposición por razones naturales físicas y químicas de la basura depositada en el relleno sanitario de Saltillo	3.25 MD	Saltillo COAH	Application