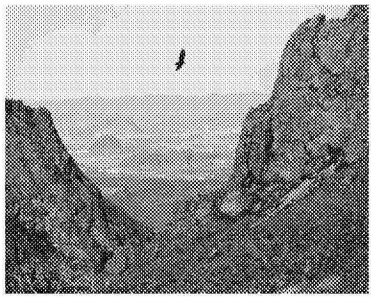
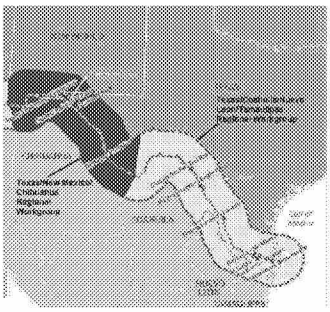


Border 2020 Program
Four State Region Overview



Summary of EPA and BECC Border 2020

The Environmental Protection Agency (EPA) Border Program is a bi-national collaborative effort whose mission is to protect human health and the environment in underserved communities that may be disproportionately impacted by environmental risks. The Border Environmental Cooperation Commission (BECC) is an international organization established for the purpose of preserving, protecting, and enhancing the environment in the U.S. – Mexico border region. To further the program goals and objectives the BECC and the EPA have established a partnership wherein the BECC that has administers, receives, and reviews proposals, the BECC also coordinates project selections, monitor project performance, and manage the Program funds provided by EPA for projects along the US Mexico Border Regions.

The BECC provides support in the implementation of projects that are significantly improving the environment and public health in the U.S.-Mexico border region, consistent with the principles of sustainable development and in accordance with the priorities and objectives of the program. To that end, the BECC is using its experience in assisting local communities and other project sponsors to develop and implement environmental projects. To ensure that the Border program reflects the environmental needs of the border community as articulated by border residents, the BECC implements specific activities outlined in the work plans that will increase public knowledge, public participation, training, and education to the region's residence to assure the goals of the EPA are met and the continuous improvement of the water, land, and air are the priority of this partnership with EPA.

EPA Border 2020 - Region 6 Logistical Support

PURPOSE
The Border Environment Cooperation Commission (BECC) will administer the Environmental Protection Agency (EPA) grant funds under this Cooperative Agreement. The funds provided under this agreement will be used to support logistics for the bi-national Border 2020 U.S. - Mexico Environmental Program (B2020). BECC's institutional strengths will be used to support the logistical activities of the program.

The mission of the B2020 Program is to protect public health and the environment in the U.S.-Mexico border region consistent with the principles of sustainable development. As part of its mission, the BECC has the capacity to promote, administer, and implement projects and provide logistical support conducive to improving the environment and the living conditions along the US-Mexico border region. In addition, the BECC has a history of successful coordination with the EPA and other stakeholders to promote the mission of the EPA long the border.

OBJECTIVES
BECC will provide the support for collaboration between federal, state, local, and private interests on both sides of the border, and a forum for broad public dialogue on environmental infrastructure issues and projects. The BECC will provide logistical support in program activities conducive to improve the environment and public health in the U.S.-Mexico border region, consistent with the principles of sustainable development and in accordance with the priorities and objectives of the Border 2020 Program. To ensure that the Border 2020 program reflects the environmental needs of the border community as articulated by border residents, the BECC will implement specific activities outlined in this work plan that will increase public knowledge and public participation.

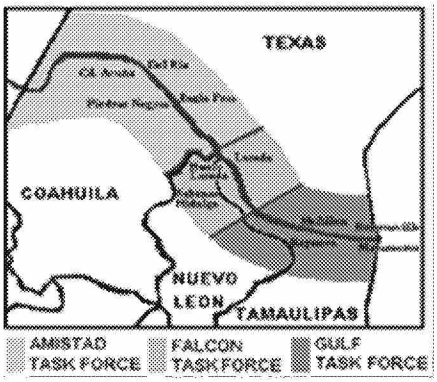
BECC PRESENCE and SUPPORT DURING TASK FORCE EVENTS
The BECC will use its expertise on border issues, institutional strengths and working knowledge for coordination with bi-national stakeholders in the implementation of Border 2020 Program. The BECC will coordinate with EPA Region 6 for logistical activities and the need for presence of BECC staff at task force events, and public outreach. The proposed activities to be undertaken in these three areas are described below.

Regional Workgroups Overview

The Four-State Regional Workgroup is the most complex of the four regional workgroups because of its geographical extension and the number of municipalities.

The region includes parts of three states and at least 29 municipalities 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 established subject-specific committees related to its priority concerns.

Border 2020 has five goals and the regional work groups propose projects to implement these goals. These projects are tracked in two-year revolving work plans. Projects are organized by Border 2020 goals and objectives.



Regional Workgroup Overview

RWG is separated into three regions (806 miles or 1,296 km) or task forces:

Amistad

- Waste, Env. Education & Health, Emergency Response Preparedness Committees

Falcon

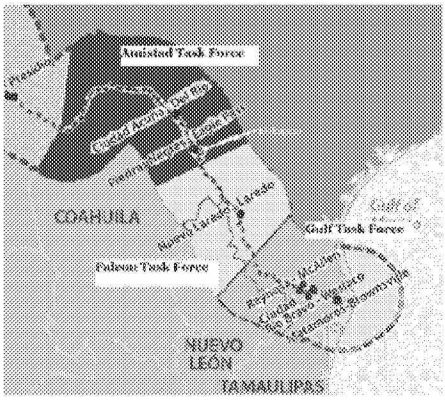
- Waste, Water, Env. Education & Health, Emergency Response Preparedness Committees

Gulf

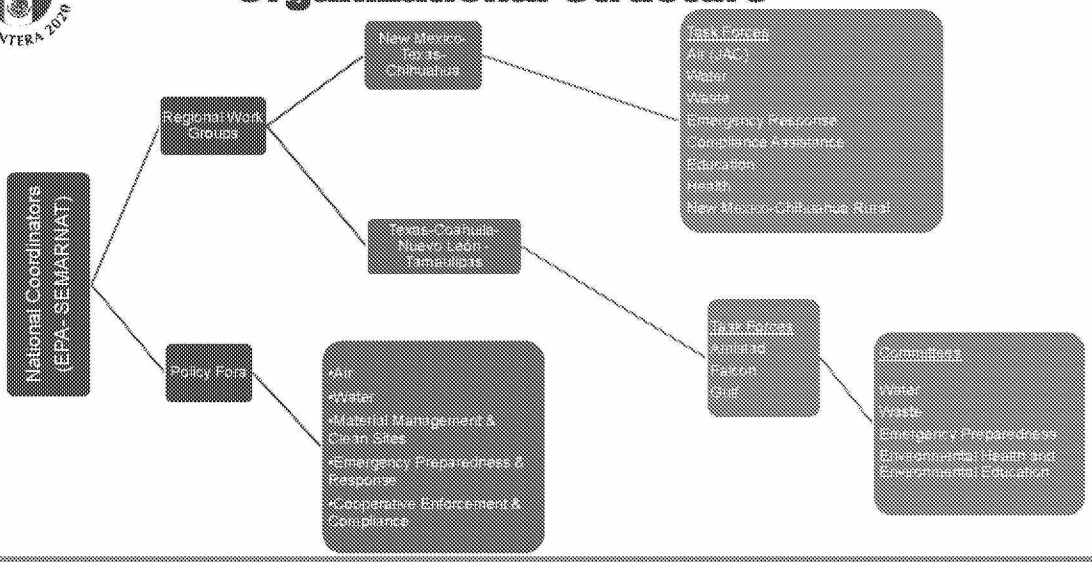
- Waste, Water, Env. Education & Health, Emergency Response Preparedness Committees

Key community populations

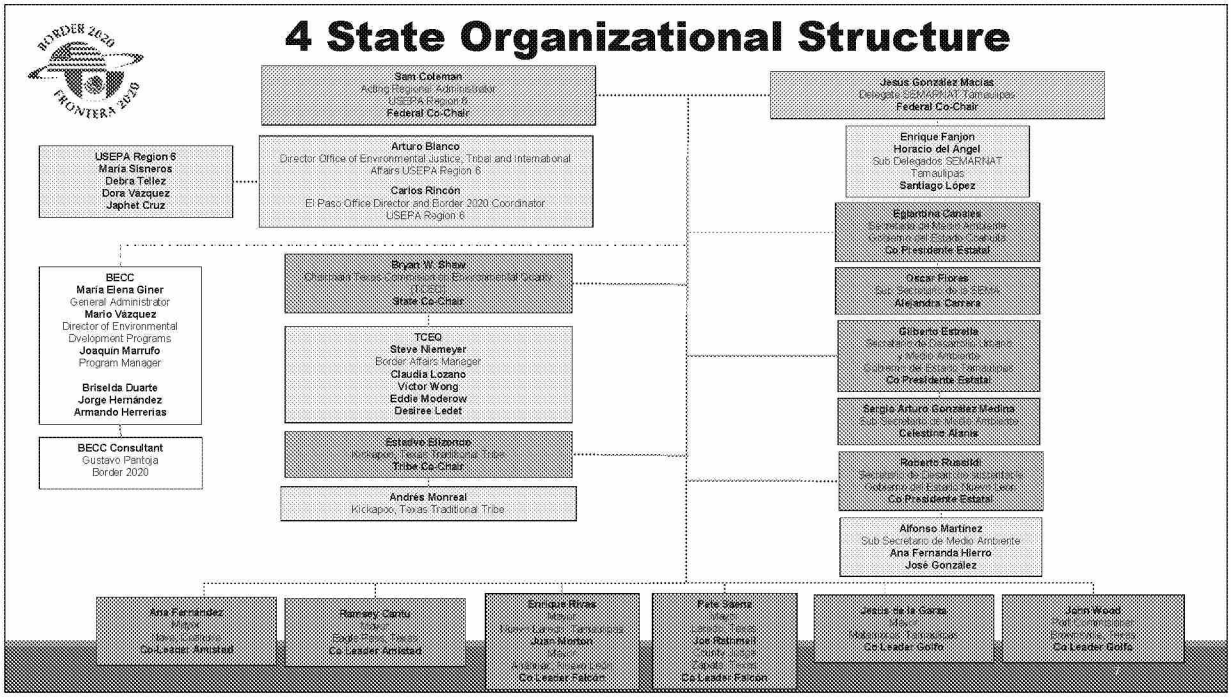
- 168 Cities and Towns on the U.S.
- 29 Municipalities on the Mexican Side



Border 2020 Region 6 Organizational Structure



4 State Organizational Structure



Border 2020 Leadership Roles

4-State Regional Workgroup

Texas-Coahuila-Nuevo Leon-Tamaulipas

Co-Chair: Regional Workgroup

- Prioritize regional environmental issues and recommend issues beyond regional scope to be addressed by Border 2020 policy fora
- Help facilitate projects when necessary, by convening local, state, and tribal governments, academia, NGOs, and the public
- Represent the regional workgroup at the Border 2020 national coordinators meeting and in formal communication with partner organizations

Amistad

Falcon

Gulf

Co-Leader: Task Force

- Act as a spokesperson for the task force and answer questions from the public or media
- Convene public task force meetings a minimum of once per calendar year and additional meetings as necessary
- Coordinate and communicate with local leaders in the task force area to encourage their input
- Identify environmental issues within the task force area following the Border 2020 goals and objectives and use the Border 2020 tools to address task force priorities
- Assist the staff of the federal and state agencies in identifying co-facilitators for each of the established committees
- Attend an annual meeting of the four-state regional workgroup and share information about the task force's progress with the co-chairs and fellow co-leaders
- Lead the committees in working with federal and state agencies to draft the 2-year action plan

Water

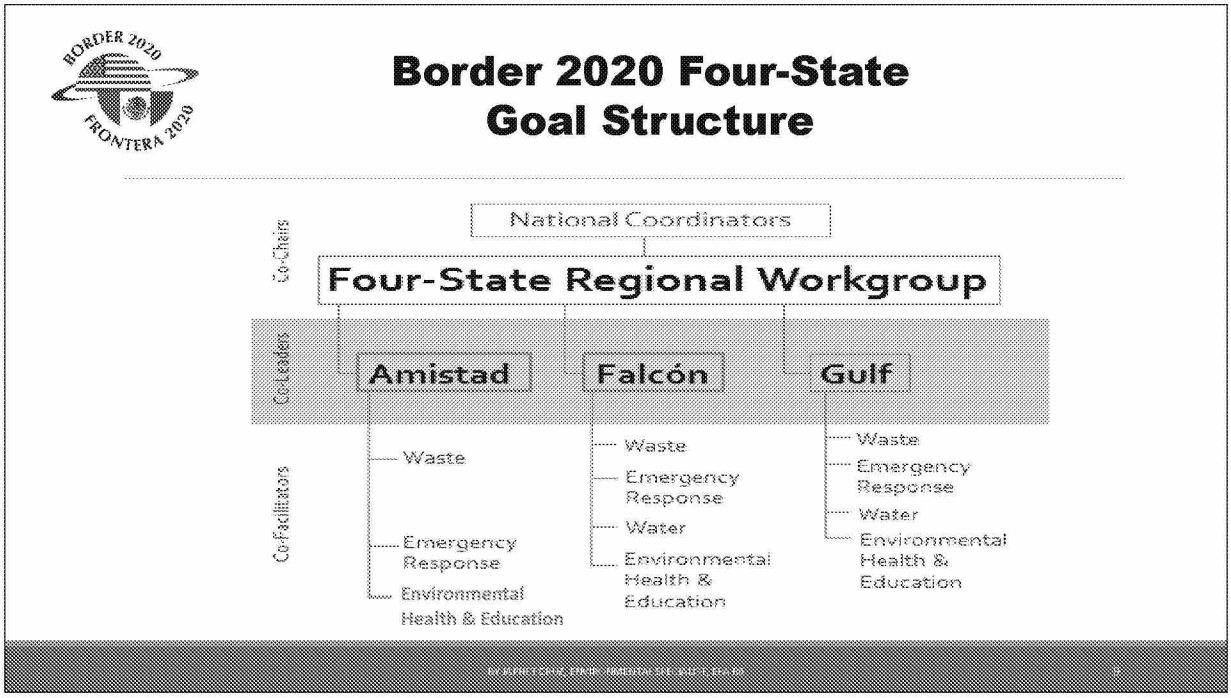
Waste

Environmental Health and Environmental Education

Emergency Preparedness

Co-Facilitator: Committee

- Ensure adequate representation of regional specialists and stakeholders in committee activities
- Provide leadership inspiring consensual identification of priority activities or projects that will help the committee fulfill the goals and objectives of Border 2020, as outlined in the framework booklet
- In cooperation with their counterpart co-facilitator, agree on dates and places for committee meetings, engage in public outreach to achieve strong attendance at those meetings, and preside over those meetings (at least once each year)
- Serve as a technical advisor to the local, state, and federal authorities on issues in which your committee is involved
- Serve as a liaison between local, state, and federal participants to effectively communicate the priorities and strategies to the task force co-Leaders and the staff of federal and state agencies
- Work with federal and state agencies to draft the 2-year action plan



Above you we will visualize the structure of the Four State Regional Workgroup
(Tamaulipas, Nuevo Leon, Coahuila and Texas)

We have the Co chairs that we will discuss in the next slide

Each Task Force has one US and one Mexican Co leader

The Amistad Task Force has two Committees: Waste and Emergency Response
The Falcon Task Force has four committees: Waste, Emergency Response, Water and Environmental Health and Education
The Gulf Task Force has four committees: Waste, Emergency Response, Water and Environmental Health and Education

Each of these committees has a US and Mexican Co facilitator.

Amistad Task Force

MEXICO COMMITTEE

Lic. Ana Gabriela Fernández Osuna
Presidente Municipal
Nava, Coahuila
CO-LEADER

Ing. Jesús Flores de la Garza
Director de Ecología
Nava, Coahuila
LIAISON

WASTE COMMITTEE
Ing. Alfredo Lucero Montemayor
Director of Ecology
Piedras Negras, Coahuila
Co Facilitator

EMERGENCY PREPAREDNESS COMMITTEE
Lic. Brigido Iván Moreno Carrera
Director of Civil Protection
Acuña, Coahuila
Co Facilitator

ENVIRONMENTAL EDUCATION AND HEALTH COMMITTEE
Ing. Víctor Ibarra
Technological Institute of Piedras Negras
Club TEC OSOS
Coahuila
Co Facilitator

UNITED STATES COMMITTEE

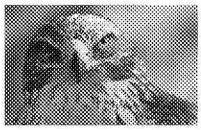
Ramsey Cantú
Mayor
Eagle Pass, Texas
CO-LEADER

WASTE COMMITTEE
Isaak Ruiz
Co Facilitator

EMERGENCY PREPAREDNESS COMMITTEE
Manuel Mello
Fire Chief
Eagle Pass, Texas
Co Facilitator

ENVIRONMENTAL EDUCATION AND HEALTH COMMITTEE
VACANT
Co Facilitator

FALCON TASK FORCE



MEXICO COMMITTEE

CP. Oscar Enrique Rivas Cuellar
Municipal
Nuevo Laredo, Tamaulipas
CO-LEADER

Lic. Juan Manuel Morton González
Presidente Municipal
Anáhuac, Nuevo León
CO-LEADER

Lic. Luis Maía Bernal
Director of Environment and Climate Change
Nuevo Laredo, Tamaulipas
Liaison

Lic. Francisco Martínez Rentería
Secretary of the R. Ayuntamiento
Anáhuac, Nuevo León
Liaison

WASTE COMMITTEE
Ing. Alfonso Ramírez Solano
Environmental Consultant
Co Facilitator

WATER COMMITTEE
Ing. Agustín Boone González
CILA Section Mexico, Nuevo Laredo
Co Facilitator

EMERGENCY PREPAREDNESS COMMITTEE
Ing. Juan Pablo Reyes Villarreal
UT & UAT Professor, Instructor and Specialist
Co Facilitator

ENVIRONMENTAL EDUCATION AND HEALTH COMMITTEE
Ing. Mario Garza Delgado
UT Linking
Co Facilitator

UNITED STATES COMMITTEE

Pete Saenz
Mayor
Laredo, Texas
CO-LEADER

Joe Rathmell
County Judge
Zapata, Texas
CO LEADER

WASTE COMMITTEE
John Porter
Environmental Services Director
Laredo, Texas
Co Facilitator

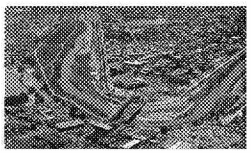
WATER COMMITTEE
José Garza
Frank Tejeda Center, TAMU
Laredo, Texas
Co Facilitator

EMERGENCY PREPAREDNESS COMMITTEE
Steve Landin
Fire Chief
Laredo, Texas
Co Facilitator

ENVIRONMENTAL EDUCATION AND HEALTH COMMITTEE
Dr. Hector González
Health Director
Laredo, Texas

Ing. Iván Santoyo
Department of Environmental Services
Laredo, Texas
Co Facilitator

GULF TASK FORCE



MEXICO COMMITTEE

Lic. Jesús de la Garza Díaz del Guante
Municipal President
Government of Matamoros
CO-LEADER

Lic. Humberto Gutiérrez
Riber President Committee
on the Environment
Matamoros, Tamaulipas
Liaison

WASTE COMMITTEE
Lic. Martha García Fortaney
Director of Ecology
Valle Hermoso, Tamaulipas
Co Facilitator

WATER COMMITTEE
Ing. David Negrete
CILA Reynosa, Tamaulipas
Co Facilitator

EMERGENCY PREPAREDNESS COMMITTEE
Ing. Manuel Montiel
Local Mutual Aid Committee (CLAM)
Matamoros, Tamaulipas
Co Facilitator

ENVIRONMENTAL EDUCATION AND HEALTH COMMITTEE
Ing. Alfredo Hassanille
Maquiladora Association(INDEX)
Matamoros, Tamaulipas
Co Facilitator

UNITED STATES COMMITTEE

John Wood
Port Commissioner
Brownsville, Texas
CO-LEADER

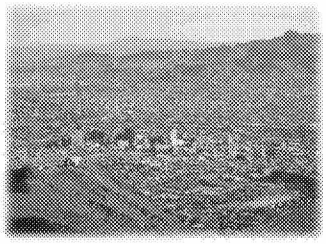
WASTE COMMITTEE
Art Rodriguez
Health Director
Brownsville, Texas
Co Facilitator

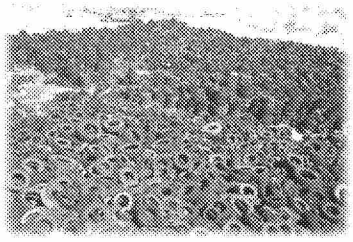
WATER COMMITTEE
Joe Hinojosa
Santa Cruz, Distrito de Riego #15
Edinburg, Texas
Co Facilitator

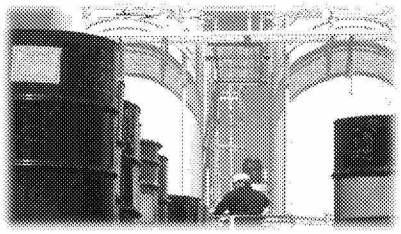
EMERGENCY PREPAREDNESS COMMITTEE
Ricardo Saldaña
Hidalgo Co. EMC
Hidalgo, Texas
Co Facilitator

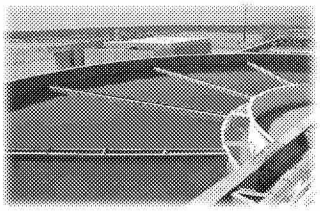
ENVIRONMENTAL EDUCATION AND HEALTH COMMITTEE
Beatriz Tapia
University of Texas, Science Health Center
Rio Grande Valley, Texas
Genny Carrillo
Texas A&M
Mc Allen, Texas
Co Facilitator

Regional and Local Priorities









Regional Priorities for 2017-2018

Goal 1: Air

i. Implement atmospheric monitoring programs under the same criteria of analysis and promote the dissemination of results in the four states

ii. Set actions in accordance with the public policies of micro and macro-economic analysis of climate change state programs

iii. Promote the implementation of the PROAIRE air quality program and its strategies in the border communities

Note: Air is included in the Regional and Task force priorities for the Mexican States, **not for the US – Texas** (Amistad, Falcon and Gulf Task Forces), smoke pollution of old cars without catalyst, dust, unpaved roads and trash/tire fires in the Mexican border cities is a concern for air quality.

Goal 2: Water

i. Keep improving energy efficiency for water operators in border municipalities

ii. Continue the water conservation programs and encourage the reuse of treated water for irrigation

iii. Strengthen wastewater sanitation programs and actions

iv. Disseminate green infrastructure actions for sustainable development of border communities

Regional Priorities for 2017-2018

Goal 3: Materials & Waste Management

i. Increase institutional capacity at the local and state levels for sustainable practices in solid waste management

ii. Develop collection and comprehensive waste management programs for used electronics for municipalities in the border area

iii. Improve collection and comprehensive waste management programs for proper disposal of household hazardous waste for municipalities in the border area

iv. Continue efforts to implement comprehensive scrap tire management programs

v. Strengthen operations of the sanitary landfills in border municipalities, with plans to capture and take advantage of the biogas and convert to energy

vi. Develop comprehensive actions to eliminate unauthorized open-air dump sites

vii. Encourage municipal programs for holistic waste management

Regional Priorities for 2017-2018

Goal 4: Emergency Preparedness & Response

i. Continue the binational relationship in emergency response for training, equipment and drills

ii. Promote the creation of risk atlases for waste management and hazardous materials in border communities

iii. Carry out the required border studies for the protection of local communities

iv. Generate a diagnosis of equipment, training, and ability to respond to an emergency in border municipalities

Goal 5: Compliance & Environmental Stewardship

i. Implement binational workshops targeted to environmental enforcement professionals, including ports-of-entry customs professionals, to promote the exchange of information and improve understanding of each country's respective compliance and enforcement programs

ii. Promote the updating, sharing and application of municipal environmental regulations in border communities

iii. Carry out the land management plans in the states and municipalities along the border region

iv. Establish regulatory and operational mechanisms for the control of wild hogs

Note: TCEQ and PROFEPA (in Mexico) are in charge of the inspection, compliance and enforcement of environmental laws. This is being accomplished by performing outreach and workshops.

Fundamental Strategies

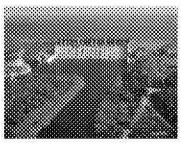
Border 2020 has Six fundamental strategies which complement and inform the work undertaken to achieve the mission and goals of the Border 2020 Program.

They are incorporated in each task force priorities in the:

"Promote cross-cutting efforts related to environmental health and environmental education"

- Working to Improve Children's Health
- Building Capacity towards Climate Change Resiliency
- Protecting Disadvantaged & Underserved Communities
- Promoting Environmental Awareness
- Promoting Environmental Health *(The committee on education and environmental health addresses issues related to air quality (asthma, respiratory diseases, health in children)*
- Strengthening Tribal, State, Federal and International Partnerships

Amistad Task Force Priorities



Goal 1: Reduce Air Pollution

i. Establish and strengthen vehicle emissions programs in Acuña, Piedras Negras and Nava

ii. Promote initiatives to develop energy efficiency and reforestation programs in the industrial sector in Acuña and Piedras Negras

iii. Promote the implementation of strategies by the SEMARNAT PRO AIRE air quality program in Acuña, Piedras Negras and Nava

Goal 2: Improve Access to Clean and Safe Water

i. Conduct water quality monitoring of tributaries along the Rio Grande in Acuña and Piedras Negras

ii. Develop Fats, Oils and Grease (FOG) workshops in Acuña and Piedras Negras, replicating the model in Laredo

iii. Promote and develop green infrastructure projects and water conservation programs in Acuña and Piedras Negras

Amistad Task Force Priorities

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

i. Promote the implementation of integrated solid, household hazardous waste and used electronic programs in Acuña and Piedras Negras

ii. Strengthen scrap tire management programs and promote scrap tire reuse for projects in Acuña and Piedras Negras

iii. Promote initiatives to develop plastic bag reduction programs in Acuña and Piedras Negras

Goal 4: Enhance Joint Preparedness for Environmental Response

i. Conduct water quality monitoring of tributaries along the Rio Grande in Acuña and Piedras Negras

ii. Develop Fats, Oils and Grease (FOG) workshops in Acuña and Piedras Negras, replicating the model in Laredo

iii. Promote and develop green infrastructure projects and water conservation programs in Acuña and Piedras Negras

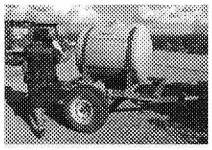
Amistad Task Force Priorities

Promote Cross-Cutting Efforts Related to Environmental Health & Environmental Education

i. Develop awareness programs on vector borne illnesses such as Zika and Dengue virus in Acuña and Piedras Negras

ii. Launch a binational environmental education program on recycling, energy efficiency and water conservation in Eagle Pass and Piedras Negras using social and broadcast media

Falcon Task Force Priorities



Goal 1: Reduce Air Pollution

i. Develop emissions inventory in Tamaulipas border communities and strengthen air quality monitor programs

ii. Establish an automatic air quality monitoring station in Nuevo Laredo

iii. Incentivize members of industry associations and the Nuevo Laredo chamber of commerce to implement energy efficiency projects

iv. Develop climate change programs in Nuevo Laredo and Anahuac

v. Develop air quality mitigation measures by reducing wait times and idling of vehicles, at the Laredo and Nuevo Laredo international bridges

vi. Establish a vehicle emissions program for imported vehicles crossing into Nuevo Laredo

Goal 2: Improve Access to Clean and Safe Water

i. Promote and train households on best practices related to the management of Fats, Oil and Grease (FOG) waste in Laredo

ii. Conduct an assessment on water and wastewater needs in rural areas in Webb County and provide training to water and wastewater operators in these areas

iii. Establish green infrastructure, water conservation and wastewater reuse programs to irrigate green areas in Nuevo Laredo and Laredo

Falcon Task Force Priorities

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

i. Strengthen compliance and enforcement programs to eliminate illegal dumpsites in Nuevo Laredo

ii. Develop an environmental education program to promote solid waste management and recycling tools in Laredo, Anáhuac and Nuevo Laredo

iii. Promote and strengthen alternative markets for scrap tire disposal and reuse in Nuevo Laredo, Anáhuac and Laredo

iv. Coordinate simultaneous household hazardous waste programs every two years in Laredo and Nuevo Laredo, to increase the level of participation by residents

v. Conduct a study to develop a facility to dispose construction waste in Nuevo Laredo

vi. Promote the integrated solid waste management program and establish a plastic bag reduction program in Nuevo Laredo

Goal 4: Enhance Joint Preparedness for Environmental Response

i. Provide training to Nuevo Laredo emergency responders on hazardous materials and coordinate a binational tabletop and joint contingency exercise between Laredo and Nuevo Laredo

Falcon Task Force Priorities

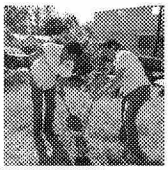
Goal 5: Enhance Compliance Assurance and Environmental Stewardship

i. Provide training to Nuevo Laredo officials on environmental compliance and enforcement tools and work with Tamaulipas officials to update local environmental ordinances

Promote Cross-Cutting Efforts Related to Environmental Health & Environmental Education

i. Develop a binational environmental awareness program on energy efficiency, water conservation, recycling and prevention of vector borne illnesses in Laredo and Nuevo Laredo

Gulf Task Force Priorities



Goal 1: Reduce Air Pollution

i. Develop the Climate Change Programs in the Mexican municipalities of Valle Hermoso, Rio Bravo, Reynosa and Matamoros

ii. Strengthen the programs of atmospheric monitoring and development of an emission inventory and make operable three PM 10 monitors to collect emission data and compare air quality in nearby areas in Reynosa

Goal 2: Improve Access to Clean and Safe Water

i. Conduct a study regarding the presence of chromium in the management and management of drinking water in the border area

ii. Carry out a study and monitoring in the lower Rio Bravo / Rio Grande regarding the salinity of the water and disseminate the results

iii. Educate residents and commercial users on industrial, oil and grease wastewater management and local pre-treatment and storm water ordinances

iv. Establish actions of green infrastructure and water conservation through educational programs

v. Establish permanent training programs for operators of wastewater treatment plants

vi. Promote strategies for adequate wastewater management in Tamaulipas border municipalities

Gulf Task Force Priorities

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

i. Generate comprehensive actions to identify and eliminate illegal trash dump sites

ii. Test new equipment to collect waste from government buildings, hospital, schools and characterize and measure waste to properly develop a municipal waste management plan in Reynosa

iii. Promote the integral waste management in the Mexican municipalities

iv. Promote mechanisms for the management of waste tires, looking for alternatives for their recovery

Goal 4: Enhance Joint Preparedness for Environmental Response

i. Conduct 8 hr HAZMAT (29 CFR 1910.120) refresher training for Matamoros and Reynosa firefighters and 40 hour HAZMAT training for Rio Bravo and Valle Hermoso firefighters, tabletop and full mock exercise using skype and drone technology

ii. Develop a risk analysis in the Harlingen and Los Indios point of entry

iii. Organize a knowledge exchange workshop to assess equipment inventory and training needs, improve communication and emergency response capacity of Hidalgo and Cameron counties and Mexican border municipalities in the Gulf area

iv. Establish a real-time warning system on the water quality conditions of the lower Río Grande / Río Grande with the objective of generating preventive actions in case of a contingency

Gulf Task Force Priorities

Promote Cross-Cutting Efforts Related to Environmental Health & Environmental Education

i. Implement a bilingual environmental education program in the area of waste recovery

ii. Promote community programs to strengthen public health actions in border municipalities and rural communities, particularly in infants and their risks in their homes

iii. Develop a study that identifies the five top main risks on environmental health in border communities

Border 2020 Active Grants

AVAILABLE FUNDS REGION 6 B2020 Coop Agmts (as of December 2016)							
COOP AGMTS	Amount (thousands)	$934k	$974k	$805k	$108k	$335k	Balance
	Awarded	Sept 2012	Sept 2011	Aug 2015	Jan 2014	Sept 2014	
	Expires	Dec 2017	Feb 2017	Aug 2017	Dec 2017	Aug 2017	
TASKS	RFP	$3,585	$0	$33,117	$0	$0	$36,702
	Projects	$119,658	$0	$382,846	$0	$16,565	$519,069
	Logistics	$16,036	$4,829	$65,000	$22,281	$0	$108,146
	BECC Presence	$5,556	$0	$0	$1,818	$0	$7,374
	Indirect Cost	$14,484	$482	$48,096	$2,410	$1,656	$67,129
Total		$159,320	$5,311	$529,059	$26,509	$18,221	$738,420

The box shaded in red-reflects the current funding that BECC has available for sub-award projects

4 State Region Border Goal 1 Projects

Name	Description	Goal	Status	Workgroup	Community	State	Country	Total_Cost	Approved_Amount	Leverage_Amount
Characterization of drayage activities and emissions in Laredo-Nuevo Laredo airshed	A detailed characterization of the activity of the trucks in the region of Laredo-Nuevo Laredo. provide an understanding of the regional activity of the trucks and their implications for air quality, responsible for state and local transportation agencies border and air quality. With this information, decision makers and planners can develop strategies and policies that address the needs of transportation and air quality in the region as a binational regional level. The data, methodologies and information generated by the project could potentially be used to characterize the activities of trucks in other locations along the border.	Goal 1	Concluded	R6 TX- NL - COAH - TAMPS	Laredo	TX	USA	$89,750	$89,750	-
Workshop on Energy Efficiency in Public Lighting Systems in Tamaulipas	Train at least 30 public officials from 10 municipalities with basic tools to achieve greater energy efficiency and that this is reflected in a decrease in the emission of greenhouse gases into the atmosphere and in turn into economic savings for municipal utilities		Concluded	R6 TX- NL - COAH - TAMPS	Reynosa	TAMPS	MEX	$17,497	$9,535	$7,962.00

4 State Region Border Goal 2 Projects

Name	Description	Goal	Status	Workgroup	Community	State	Country	Total_Cost	Approved_ Amount	Leverage_Amount
Conservation: Arroyo Las Vacas in Acuña, Coahuila, Mexico	This project involves the conservation and recovery of Arroyo Las Vacas, this being a tributary of the Rio Grande river which crosses the border city of Acuna.	Goal 2	Concluded	R6 TX- NL - COAH - TAMPS	**Cd. Acuna**	**COAH**	MEX	$39,875.00	$39,875.00	-
Planning Model for an Environmental and Health Texas/Mexico Border Information Exchange Program	The overall goal of this project is to develop the framework for a system, including processes in phases and specific steps, required for the development of a bi-national environmental and health tracking system		Concluded	R6 TX- NL - COAH - TAMPS	**Piedras Negras**	**COAH**	MEX	$47,663.00	$39,875.00	$7,788.00
Determining the Ideal Bioswale Porous Material for South Texas Stormwater Management	To evaluate performance of parking lot bioswale by comparing its stormwater discharges and solids against those of conventional parking lot with no bioswale to develop the best performing bioswale mixture from the materials tested in the prototype bioswales.		In Progress	R6 TX- NL - COAH - TAMPS	**Edinburg**	**TX**	USA	$32,350.00	$26,022.00	$6,328.00
The Rio Grande/Rio Bravo Water Quality Initiative	The University of Texas at Austin (UT), proposes to advance on Goal 2, Objective 3 by providing information to local binational stakeholders, about sources of water pollution to the Rio Grande and by gathering information from key stakeholders about potential local solutions to the river's water quality problems in the portion of the river between Falcon Dam and the Gulf of Mexico. The project proposes to organize 5 workshops and develop MOU among stakeholders.		In Progress	R6 TX- NL - COAH - TAMPS	**Laredo**	**TX**	USA	$78,422.00	$58,575.00	$19,847.00
Fat, Oil and Grease (FOG) Public Outreach Campaign in Brownsville, Texas	The Brownsville Public Utilities Board, a government entity, proposes to advance on Goal 2, Objective 2 by implementing a public FOG campaign, targeting businesses with violations and reaching out to them. It will also provide education through community outreach and public awareness through 4 quarterly workshops. The grant will help leverage funds of $49,561 from the City.		In Progress	R6 TX- NL - COAH - TAMPS	**Brownsville**	**TX**	USA	$49,561.00	$25,000.00	$24,561.00
Public Awareness Program for the FOG Program in Matamoros	The Junta de Aguas y Drenaje from the City of Matamoros, proposes to advance on Goal 2 Objective 2 by providing training to businessess and industries about the control of wastewater discharges in Matamoros. There will be 10 workshops and wastewater testing. The goal is to train 50% of the users involved in the implementation of this Regulation Program to control discharges and perform wastewater FOG testing to 10% of users.		Concluded	R6 TX- NL - COAH - TAMPS	**Matamoros**	**TAMPS**	MEX	$50,000.00	$25,000.00	$25,000.00
Decision Making Tool (DMTG) for Stormwater in The lower Rio Grande Valley in Texas	The project will promote specific research and educational topics emphasizing how green infrastructure strategies can be utilized to mitigate stormwater runoff		In Progress	R6 TX- NL - COAH - TAMPS	**Hidalgo County**	**TX**	USA	$45,885.00	$38,885.00	$7,000.00

4 State Region Border Goal 3 Projects

Name	Description	Goal	Status	Workgroup	Community	State	Country	Total_Cost	Approved_ Amount	Leverage_Amount
Keeping Pharr Beautiful ...Starts at Home	Increase outreach and awareness surrounding illegal dumping, also help the cities beautification efforts by increasing volunteer opportunities and encouraging the labors of community cleanup programs such as Operation Clean Sweep.	Goal 3	Concluded	R6 TX- NL - COAH - TAMPS	**Pharr**	**TX**	USA	$102,060.00	$20,000.00	$82,060.00
Waste generation Diagnostic in the Noresat border region	Implement a comprehensive management plan for the management of hazardous solid waste, special handling waste in medium-sized communities in the northeastern state of Nuevo León		Concluded	R6 TX- NL - COAH - TAMPS	**Sabinas**	**COAH**	MEX	$21,798.00	$21,798.00	-
Management of Fat, Oil and Grease in Nuevo Laredo	Disseminate to all generators of fats and oils as well as proper disposal rebate cleaning grease traps and the consequences that brings pour fats and oils down the drain		Concluded	R6 TX- NL - COAH - TAMPS	**Nuevo Laredo**	**TAMPS**	MEX	$47,161.00	$32,533.00	$14,628.00
Alamo's recycling solid waste systems improvements through a holistic approach.	Increase the volume of collected recyclables, create environmental stewardships through education, create an identifiable solid waste mascot, and bring together all identifiable stakeholders to bring about holistic change within the community.		Concluded	R6 TX- NL - COAH - TAMPS	**Alamo**	**TX**	USA	$61,836.00	$54,836.00	$7,000.00
Scrap Tire Collection Program, City of Pharr	The City of Pharr will implement a scrap tire collection event during their monthly Operation "Clean Sweep", community clean up event		Concluded	R6 TX- NL - COAH - TAMPS	**Pharr**	**TX**	USA	$35,500.00	$15,000.00	$20,500.00
Comprehensive management project of solid waste in Rio Bravo and Valle Hermoso, Tamaulipas	The project consists in conduct a Basic Diagnosis on the Comprehensive Management of Municipal Solid Waste in the municipalities of Rio Bravo and Valle Hermoso		Concluded	R6 TX- NL - COAH - TAMPS	**Rio Bravo**	**TAMPS**	MEX	$20,866.00	$20,866.00	-
Comprehensive management of electronic waste project in Piedras Negras and Eagle Pass, Texas	The project consists of a program of environmental education and health to join efforts in collecting electrical and electronic solid waste in the city of Piedras Negras, Coahuila e Eagle Pass in Texas.		In Progress	R6 TX- NL - COAH - TAMPS	**Piedras Negras**	**COAH**	MEX	$36,054.00	$36,054.00	-
Clean in up program at City of Pharr, Texas	The project consists in educate City of Pharr residents on environmental sustainability and related proper solid waste disposal methods.		In Progress	R6 TX- NL - COAH - TAMPS	**Pharr**	**TX**	USA	$120,762.00	$36,390.00	$84,372.00
Electronic Waste Management project in Ciudad Acuña, Piedras Negras and Guerrero in Coahuila	Inform and educate residents about the benefits of reusing electronics, the need to practice responsible consumption, as well as the importance of giving an appropriate final destination for these wastes		In Progress	R6 TX- NL - COAH - TAMPS	**Cd. Acuna**	**COAH**	MEX	$79,345.00	$16,777.00	$62,568.00

4 State Region Border Goal 4 Projects

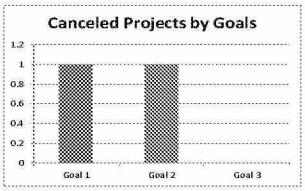
Name	Description	Goal	Status	Workgroup	Community	State	Country	Total_Cost	Approved_ Amount	Leverage_Amount
Promotora-Led Environmental Health Education for Children, Eagle Pass, Texas	The promotora (community health worker) model will be used for reaching out to parents and care givers, school teachers and child care providers with the aim of improving environments in and around the home, school and childcare facility.	Goal 4	Concluded	R6 TX- NL - COAH - TAMPS	**Eagle Pass**	**TX**	USA	$79,463.00	$69,000.00	$10,463.00
McAllen-Mission-Pharr/Reynosa Hazards in Transportation Binational Training and Exercise	The project objective is to strength the response capacity providing proper training and equipment to hazmat first responders in the areas of McAllen-Mission-Pharr-Reynosa. More than 100 hazardous-material carrying trucks travel through the ports of entry in South Texas. The McAllen Fire Department staff in conjunction with the Mission and Pharr Fire Departments will join forces to work together to update the emergency notification related to hazmat emergencies		Concluded	R6 TX- NL - COAH - TAMPS	**McAllen**	**TX**	USA	$213,810.00	$70,510.00	$143,300.00
Binational Tabletop and Functional Exercises between the cities of Harlingen and Matamoros	The City of Harlingen Fire Department, proposes to advance on Goal 4, Objective 2 by the implementation of a hazmat training, a tabletop, and a functional exercise. Proposed Scenario consists of a tanker trailer roll-over accident carrying a petro product spilling into Mexico waterways. The City of Harlingen presents a sister city agreement since 2014 to support mutual emergency response aid. Project will involve partnering with first responders from Matamoros and Cameron County. The project will help to promote sustainability by practicing the last update of the sister contingency plan to evaluate its reliability		Concluded	R6 TX- NL - COAH - TAMPS	**Harlingen**	**TX**	USA	$44,683.00	$44,683.00	-

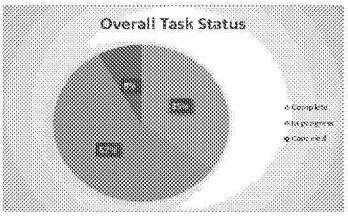
4 State Region Border Goal 5 Projects

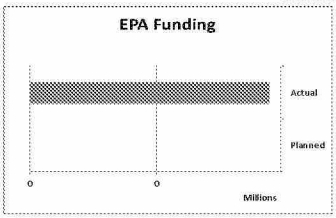
Name	Description	Goal	Status	Workgroup	Community	State	Country	Total_Cost	Approved_ Amount	Leverage_Amount
Law Reform and Environmental Education in Nuevo Laredo	The Universidad Autónoma de Tamaulipas, proposes to advance on Goals 2, 3 and 5 by improving the implementation of environmental legislation, strengthen the environmental cooperation and exchange of information between Nuevo Laredo, Tamaulipas and Laredo, Texas, and train environmental inspectors and staff of the municipal environmental unit. The grant will help leverage funds with $5,500 from Universidad Autónoma of Tamaulipas	Goal 5	In Progress	R6 TX- NL - COAH - TAMPS	**Nuevo Laredo**	**TAMPS**	MEX	$16,500.00	$11,000.00	$5,500.00
Energy Efficiency Workshop for Municipal Public Lighting Systems in Tamaulipas	The Secretaria de Desarrollo Urbano y Medio Ambiente, from the government of Tamaulipas, proposes to advance on Goal 1, Objective 2 by the implementation of a integral training program The objective is to train 30 municipal officers from 10 municipalities in energy efficiency (municipal street lighting and energy efficiency on building and facilities), as well as the implementation of a train the trainer program		Canceled	R6 TX- NL - COAH - TAMPS	**Matamoros**	**TAMPS**	MEX	$14,310.00	$9,385.00	$4,925.00

4 State Region Border Project Status

Region	Completed projects completely supported by EPA	Completed projects partially supported by	Funding to be completed	Canceled Projects	Status
R6 TX: NL - COAH - TAMPS	5	8			Completed
R6 TX: NL - COAH - TAMPS			13		In Progress
R6 TX: NL - COAH - TAMPS				2	
Totals	**5**	**8**	**8**	**2**	**23**







The United States plays a leadership role in working with other nations to protect the global environment

UNITED STATES OF AMERICA and MEXICO Signed La Paz Agreement on August 14, 1983

- ARTICLE 1 The United States of America and the United Mexican States, hereinafter referred to as the Parties, agree to cooperate in the field of environmental protection in the border area on the basis of equality, reciprocity and mutual benefit. The objectives of the present Agreement are to establish the basis for cooperation between the Parties for the protection, improvement and conservation of the environment and the problems which affect it, as well as to agree on necessary measures to prevent and control pollution in the border area, and to provide the framework for development of a system of notification for emergency situations. Such objectives shall be pursued without prejudice to the cooperation which the Parties may agree to undertake outside the border area.

The Border XXI Program

- Was a binational, interagency program aimed at protecting and improving the environment and environmental health, while fostering sustainable development in the U.S.-Mexico border area. The objectives of the Border XXI Program included public involvement, decentralization of border decision making, and increased cooperation between the different governmental agencies operating in the border region. The program was implemented through nine binational Workgroups that integrated the efforts of other participating entities and defined specific projects that achieved the Program's objectives.

Border 2012 Program

- Was based on a bottom-up, regional approach, which relies heavily on local input, decision-making, priority-setting, and project implementation to best address environmental issues in the border region. The bi-national program focused on cleaning the air, providing safe drinking water, reducing the risk of exposure to hazardous waste, and ensuring emergency preparedness along the U.S.-Mexico border. From to 2005 to 2012, the U.S.-Mexico Border 2012 Program achieved its goals and objectives by completing approximately 200 environmental projects.

Border 2020:Program

- Is a collaborative effort of the United States and Mexico to improve the environment and protect the health of the nearly 12 million people living along the border. The binational program focuses on cleaning the air, providing safe drinking water, reducing the risk of exposure to hazardous waste, and ensuring emergency preparedness along the U.S.-Mexico border.

Border Environment Infrastructure Fund

Funded by EPA, this program offers grant financing exclusively for the implementation of high-priority municipal drinking water and wastewater infrastructure projects located within 100 kilometers of the U.S.-Mexico border.

NADB established the BEIF to administer grant resources provided by EPA for the implementation of high-priority municipal drinking water and wastewater infrastructure projects in the border region.

The objective of the BEIF program is to make infrastructure projects affordable by combining grant funds with loans and other forms of financing for communities along the border. It is designed to reduce project debt to a manageable level in cases where utility customers would face undue financial hardship and projects could not be implemented.

Project Development Assistance Program

The Project Development Assistance Program (PDAP), for project development and design, and the Border Environment Infrastructure Fund (BEIF), for construction, are programs funded by the U.S. Congress through EPA and are administered by BECC and NADB, respectively.

The PDAP grant funds, supported by EPA's US-Mexico Border Program are available for public water and wastewater infrastructure projects identified through a program-specific prioritization process.

Thank You