		BORDER 20	020 MASTER ACTION PLAN - Final		
		This Action Plan integrates a	ctions for all Border 2020 Goals for Aria	zona/Sonora	
Goal 1- Air	Goal 2- Water	Goal 3 - Materials Management	Goal 4- Environmental Response	Goal 5- Enforcement and Compliance	
Arizona/Sonora	Arizona/Sonora	Arizona/Sonora	Arizona/Sonora	Arizona/Sonora	
Description of Action (with commitment of resources)	Collaborating Organizations	Cost	Sources of Funding	Lead Points of Contact	2014 Target Output
Goal 1: Reduce Air Pollution					
Objective 1: By 2020, in accordance with idling and other feasible reduction measu		n of the number of vehicles operating in the	border region that do not comply with the	respective vehicle emissions standards, and red	uce vehicle emissions at ports-of-entry through anti
	Comisión de Ecología y Desarrollo Sustentable del Estado de Sonora (CEDES), Secretaría de Medio Ambiente y Recursos Naturales (SEMARNAT)	Staff time	CEDES	Joaquin Marruffo- CEDES (joaquinmarruffo@cedes.gob.mx)	Establish a regulatory framework for Vehicle Emissions Verification Program in the state of Sonora.
Objective 2: By 2020, reduce pollutant en • Ambos Nogales (PM 2.5 and PM 10)	nissions in order to approach atta	inment of respective national ambient air qu	uality standards in the following airsheds:		
Implementation Plan (SIP) for Nogales, AZ	Arizona Department of Environmental Quality (ADEQ) and Local Partners	Staff time	ADEQ and Local Partners	Edna A. Mendoza- ADEQ (Mendoza.Edna@azdeq.gov)	Complete PM-10 Plan
Complete and apply a PM <sub>2.5</sub> SIP for Nogales, AZ (based on applicable data findings).	ADEQ and Local Partners	Staff time	ADEQ and Local Partners	Edna A. Mendoza- ADEQ (Mendoza.Edna@azdeq.gov)	Complete PM-2.5 Plan
Develop outreach, (e.g., binational clean air calendar) transition and expand outreach through social media tools.	US EPA, ADEQ	\$50,000	US EPA, ADEQ	Edna A. Mendoza- ADEQ (Mendoza.Edna@azdeq.gov)	Annual web-based Air Quality Calendar
	ADEQ, Arizona State University (ASU)	\$49,729	ADEQ	Edna A. Mendoza- ADEQ (Mendoza.Edna@azdeq.gov)	Final document that captures border air quality studies posted on electronic library website.
Develop and implement Air Quality Improvement Management Programs (ProAire) in Nogales, Sonora. The programs will address strategies and measures to effectively reduce air emissions.	CEDES, SEMARNAT, City of Nogales	TBD	SEMARNAT	SEMARNAT Joaquin Marruffo- CEDES (joaquinmarruffo@cedes.gob.mx)	Final document with strategy to reduce air emissions in Nogales, Sonora developed by 2014.
	CEDES, ADEQ, US EPA, SEMARNAT	de real-time access to air quality data in: Ari \$90,000	US EPA, SEMARNAT, CEDES, ADEQ	Idalia Perez- US EPA	Complete strategy for enhanced coordination of air
enhanced coordination of air monitoring and related activities in Sonora/Arizona border communities.		and Staff time		perez.idalia@epa.gov Joaquin Marruffo- CEDES joaquinmarruffo@cedes.gob.mx Edna A. Mendoza- ADEQ (Mendoza.Edna@azdeq.gov)	monitoring and related activities in Agua Prieta and Nogales, Sonora by December 2013
Upgrade four air quality monitors currently used in the Arizona border region	ADEQ, US EPA	\$60,000	US EPA, ADEQ	Edna A. Mendoza- ADEQ (Mendoza.Edna@azdeq.gov)	Upgrade air quality monitors (one each in Nogales and Yuma; two in Douglas).
Objective 4: By 2015, support completion	n of climate action plans in each o	of the six northern Mexican Border States (as	s appropriate), and build the necessary capa	city to guarantee sustained implementation.	
Objective 5: By 2020, reduce emissions a	nd associated impacts through en	ergy efficiency and/or alternative/renewable	e energy projects.		
Promote and disseminate manuals and guidelines for sustainable development of housing, rehabilitation of school buildings and hospital infrastructure	CEDES, SEMARNAT	Staff time costs of manual dissemination	CEDES, SEMARNAT	Joaquin Marruffo- CEDES (joaquinmarruffo@cedes.gob.mx)	Promote program along the Sonoran border

Construction of a 16 megawatt (DC) solar park at Davis-Monthan Air Force Base (DMAFB)	Davis-Monthan Air Force Base (DMAFB), North Aamerican Development Bank (NADB), BECC, SunEdison LLC	\$35,000,000	NADB, BECC
Goal 2: Improve Access to Clea	n and Safe Water		
Objective 1: Promote the increase in the	number of homes connected to sa	fe drinking water and adequate wastewater t	reatment.
Sub-objective 1a: By 2015, promote acce	ess to safe drinking water to at leas	t 5,000 households. Revise targets every two y	years.
Sub-objective 1b: By 2015, promote acce	ess to adequate wastewater sanitat	tion to 42,000 households. Revise targets ever	y two years.
Nogales, Sonora wastewater project for Southwest zone of Nogales	Comisión Nacional del Agua (CONAGUA), US EPA, Border Environment Cooperation Commission (BECC), North American Development Bank (NADB)	\$12,000,000 total construction	PDAP
	e infrastructure elements, as feasil	on to implement sustainable infrastructure pra ole and appropriate, into U.SMexico Border \ Supply.	
EPA Region 9 will incorporate Sustainable infrastructure components in the development phase of US-Mexico border after infrastructure program projects.	US EPA, CONAGUA, BECC	TDB	Local, state and federal partners
Sub-objective 2b: Improve energy efficient	ncy and efficient water use at bord	er drinking water and wastewater utilities.	
Installation of solar panels for the generation of power at the Los Alisos Wastewater Treatment Plant.	-	\$700,000	US EPA
Perform energy audits in the final design of eight US-Mexico Border Water Infrastructure Program projects.	US EPA, CONAGUA, BECC	TBD	PDAP
<b>Objective 2c:</b> Build operational, manageri	al and financial capacity through t	raining of drinking water and wastewater serv	ice providers in the border region
Wastewater operations training in seven (7) Mexican border communities including Matamoros, and Reynosa, Tamaulipas, Ciduad Juarez,Chihuhua, Sonoyta and San Luis Rio Colorado, Sonora, Tecate and Playas de Rosarito, Baja California.	US EPA, NADB	\$40,000	BECC, US EPA Border 2012 funds
<b>Objective 3:</b> Work binationally to identify	and reduce surface water contam	ination in specific high priority water bodies o	r watersheds.

	Juan Antonio Flores- BECC (jaflores@nadb.org)	Construction of a 16 megawatt (DC) solar park at Davis- Monthan Air Force Base (DMAFB)
		The electricity produced by the plant will be purchased by DMAFB under a 25-year Power Purchase Agreement. Tucson Electric Power Company (TEP) will acquire the Renewable Energy Credits (RECs) generated by the plant pursuant to a 20-year Master REC Agreement, aiding TEP in its compliance with Arizona's Renewable Energy Standard.
		Expected to generate sufficient energy to offset about 50% of DMAFB's electrical needs in its first year of operation. The project is scheduled to come online in the fourth quarter of 2013.
		Estimated avoidance of almost 17,000 metric tons of CO2, 11 metric tons of nitrogen oxides and 17 metric tons of sulfur dioxide per year
	Thomas Konner, EPA (konner.thomas@epa.gov)	BECC certification of wastewater collection project
improve en	ergy efficiency, use water efficiently and adapt to	climate change.
		climate change. ented through the EPA-CONAGUA Memorandum of
	C-certified projects, which, in Mexico, are implem	ented through the EPA-CONAGUA Memorandum of
	C-certified projects, which, in Mexico, are implem Hector Aguirre, EPA	ented through the EPA-CONAGUA Memorandum of Sustainable infrastructure component will be incorporated into two project based on the results from
	C-certified projects, which, in Mexico, are implem Hector Aguirre, EPA	ented through the EPA-CONAGUA Memorandum of Sustainable infrastructure component will be incorporated into two project based on the results from
	C-certified projects, which, in Mexico, are implem Hector Aguirre, EPA (aguirre.hector@epa.gov)	ented through the EPA-CONAGUA Memorandum of Sustainable infrastructure component will be incorporated into two project based on the results from energy audits Design and construction of a 902 KW photovoltaic plant with peak capacity of 1572 MWh/year, preventing up to 1.76M pounds of CO2/year from entering the
	C-certified projects, which, in Mexico, are implem Hector Aguirre, EPA (aguirre.hector@epa.gov) Thomas Konner, EPA (Konner.thomas@epa.gov)	ented through the EPA-CONAGUA Memorandum of Sustainable infrastructure component will be incorporated into two project based on the results from energy audits Design and construction of a 902 KW photovoltaic plant with peak capacity of 1572 MWh/year, preventing up to 1.76M pounds of CO2/year from entering the atmosphere. Water audit reports in at least three (3) selected
	C-certified projects, which, in Mexico, are implem Hector Aguirre, EPA (aguirre.hector@epa.gov) Thomas Konner, EPA (Konner.thomas@epa.gov)	ented through the EPA-CONAGUA Memorandum of Sustainable infrastructure component will be incorporated into two project based on the results from energy audits Design and construction of a 902 KW photovoltaic plant with peak capacity of 1572 MWh/year, preventing up to 1.76M pounds of CO2/year from entering the atmosphere. Water audit reports in at least three (3) selected
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	C-certified projects, which, in Mexico, are implem Hector Aguirre, EPA (aguirre.hector@epa.gov) Thomas Konner, EPA (Konner.thomas@epa.gov) Roberto Molina (BECC)	ented through the EPA-CONAGUA Memorandum of Sustainable infrastructure component will be incorporated into two project based on the results from energy audits Design and construction of a 902 KW photovoltaic plant with peak capacity of 1572 MWh/year, preventing up to 1.76M pounds of CO2/year from entering the atmosphere. Water audit reports in at least three (3) selected utilities.

production of flora to be used in the D reforestation of the Rio Altar Region. N N N	Rio de Altar, Comisión de Ecología y Desarrollo Sustentable del Estado le Sonora (CEDES), Secretaría de Aedio Ambiente y Recursos Jaturales (SEMARNAT), Comisión Jacional Forestal	\$334,000	SEMARNAT	CEDES, SEMARNAT	Two regional nurseries created for production for reforestation of Rio Altar Region
Initiative aims to help local citizens restore Fi	Borderlands Habitat Initiative, US Fish and Wildlife Service (US FWS), JS Geological Survey (US GS)	\$200,000	Borderlands Restoration, L3C	H Ronald Pulliam- UGA (pulliam2@uga.edu)	Identify best areas and detention structure t to positively impact local surface runoff, infil erosion and sediment yield. Design and install the combination of loose-I
for gully plugs.					trincheras, wire basket gabions, and earthen reduce erosion and increase infiltration. Evaluate changes in ground cover, infiltration sediment yield, and discharge and estimate r associated with the detention structures.
					Incorporate the monitoring data into the gro model to simulate the long-term effects of th changes. Revegetate disturbed areas with native grass
<u>Sub-objective 3b</u> : Every two years, identify a Sampling and testing equipment and supplies In		o reduce the level of heavy metals, s Est \$10,000	ediment, and/or bacteria entering the Santa Cruz R	iver and/or the Nogales Wash Carlos Pena- IBWC (carlos.pena@ibwc.gov)	minimize erosion. Prepare joint agreement, provide sampling a
	Commission (IBWC)				equipment and supplies to support Nogales, pretreatment program.
rainwater harvesting projects in the border E	Arizona Department of Invironmental Quality (ADEQ), US IPA	Approx. \$6000 Staff time	ADEQ and US EPA	Hans Huth- ADEQ (huth.hans@azdeq.gov)	Stormwater training workshop on March 14,
	DEQ, US EPA, Partnering Organizations or Industries	Staff Time	ADEQ, US EPA, Partnering Organizations or Industries	Hans Huth- ADEQ (huth.hans@azdeq.gov)	Peer-to-peer industry outreach to improve n of metals in wastewater discharges. (field tri metal plater, work with APSA environmental up laboratory in Nogales, Sonora for quicker water samples.)
to improve the management of wastewater En in binational watersheds.	Arizona Department of Invironmental Quality (ADEQ), JSGS, US EPA, Partnering Organizations	Staff Time	ADEQ, USGS, US EPA, Partnering Organizations	Hans Huth- ADEQ (huth.hans@azdeq.gov)	Dataset development in support of the USGS Water Assessment Tool (SWAT) for assessing impacts of Los Alisos WWTP on the water qu quality on the Santa Cruz Presents results of least one Arizona-Mexico Commission meeti
rainfall-runoff modeling for improved Pa stormwater management and land-use (N planning. So Lí Se of	ead: USGS Partners: US Northern Command NORTHCOM), City of Nogales conora/ Comisión Internacional de ímites y Aguas (CILA), JE Fuller Consultants, US National Weather cervice (NWS), and US Department of Agriculture- Agricultural Research Service (USDA-ARS)	\$400,000	NORTHCOM	Floyd Gray-USGS (fgray@usgs.gov)	Stream gauges installed and will be reporting data.
Digitize aerial photos and processing Landsat U imagery to show changes in vegetation and	JSGS , University of Arizona (ASU)	\$10,000	USGS	Laura Norman- USGS (Inorman@usgs.gov)	Analyze 4 time periods for changes in vegetar use/land cover from before/after gabion con present at Santa Cruz River Researcher's Day

Increase capacity to develop and comply with special waste management plans in Sonora, based on MX Norm 161. Use existing Sonora border region waste inventory to identify waste stream priorities for development of waste management plans and target strategic	Comisión de Ecología y Desarrollo Sustentable del Estado de Sonora (CEDES), Secretaría de Medio Ambiente y Recursos Naturales (SEMARNAT)	Staff time		Emily Pimentel- US EPA (pimentel.emily@epa.gov) Amanda Stone- ADEQ (as3@azdeq.gov) Sergio Gasca- Alvarez- SEMARNAT	Develop waste management plan template and guidance on applying Mx Norm 161.
industry material/waste streams (focus on end-of-life vehicles).				(sergio.gasca@semarnat.gob.mx) Joaquin Marruffo- CEDES (joaquinmarruffo@cedes.gob.mx)	
Conduct outreach to local officials and the regulated community on compliance requirements with Arizona's waste tire regulations. Register used/waste tire collection sites in the border region as necessary.	Arizona Department of Environmental Quality (ADEQ), US EPA	Staff time	ADEQ, US EPA	Amanda Stone- ADEQ (as3@azdeq.gov)	In Year 1 , initiate outreach to local officials and the regulated community on compliance requirements with Arizona's waste tire regulations. Register used/waste tire collection sites in the border region as necessary.
Conduct outreach to local officials and the regulated community on compliance requirements with solid waste and hazardous waste regulations that apply to auto/commercial truck repair shops.	ADEQ, US EPA	Staff time	ADEQ, US EPA	Amanda Stone- ADEQ (as3@azdeq.gov)	Initiate in Year 2, initiate outreach to local officials and the regulated community on compliance requirements with solid waste and hazardous waste regulations that apply to auto/commercial truck repair shops.
Increase public and private sector knowledge on sound management of electronic waste (E- waste) through outreach campaign and		\$20,000	US EPA, BECC	Emily Pimentel- US EPA (pimentel.emily@epa.gov)	Complete at least one training event in AZ/Sonora border region (e.g. webinar/workshop).
training program on two, distinct E-waste recycling certification programs -				Amanda Stone- ADEQ (as3@azdeq.gov)	Measure number of individuals and business/institutions that participate in the training.
Responsible Recycling (R2) and E-stewards.				Sergio Gasca- Alvarez- SEMARNAT (sergio.gasca@semarnat.gob.mx)	
				Joaquin Marruffo- CEDES (joaquinmarruffo@cedes.gob.mx)	
Objective 2: By 2014, identify priority wa	aste streams and by 2020 develop	sustainable material management practices t	that strengthen their respective market value.		
Acquire trash collection trucks for Magdalena, Sonora to enhance sustainable management practices of municipal waste.	Municipo de Magdalena, CEDES, SEMARNAT	\$189,000	SEMARNAT- Dirección General de Fomento Ambiental Urbano y Turístico (DGFAUT)	Joaquin Marruffo- CEDES (joaquinmarruffo@cedes.gob.mx)	Acquisition of a solid waste trash collection vehicles for the municipality of Magdalena, Sonora.
				Cesar Rafael Chávez Ortiz- SEMARNAT (cesar.chavez@semarnat.gob.mx)	
Acquire a tire shredder to reduce the volume of scrap tires accumulated in border region.	CEDES, SEMARNAT	\$246,500	SEMARNAT- DGFAUT	Joaquin Marruffo- CEDES (joaquinmarruffo@cedes.gob.mx)	Acquisition of a scrap tire shredder. Initiate a strategy for municipalities on its use and implement.
		4		Cesar Rafael Chávez Ortiz- SEMARNAT (cesar.chavez@semarnat.gob.mx)	
	US EPA, SEMARNAT, ADEQ, CEDES, and non-profit "recycling"	\$40,000	US EPA	Emily Pimentel- US EPA (pimentel.emily@epa.gov)	Complete training of at least five firms in AZ/Sonora
requirements (based on Responsible Recyclers (R2) and e-Stewards certification programs).	certification program organizations			Renata Manning- BECC (rmanning@cocef.org)	Measure number of participants and business/institutions reached and individuals that participate in training and number of new firms taking steps to get certified by 2020 in border states.
Objective 3: By 2020, improve knowledge	e at every level of government (fed	deral, state, local) to characterize and remedia	ate contaminated sites.		
Improve remediation knowledge associated	US EPA, SEMARNAT/ INE	\$5,000	US EPA, SEMARNAT, ADEQ, CEDES	Emily Pimentel- US EPA	One training that applies to border in AZ/Sonora.
with specific chemical waste streams (e.g. pesticides, mine tailings) and industry waste	(coordinate with US EPA's CLU-IN and University of AZ Dean Carter			(pimentel.emily@epa.gov)	Measure number of individuals and business/
categories (e.g. metal smelters) by providing training (via webinar or half-day workshop) in coordination with EPA's Clean-up	Binational Center.)			Amanda Stone- ADEQ (as3@azdeq.gov)	institutions that participate in the training
Information Program (www.clu-in.org).				Gerardo Mayoral0 ADEQ (mayoral.gerardo@azdeq.gov)	
				SEMARNAT	
Objective 4: On an annual basic implom	ent the Rinational Consultativo M	echanism on sharing information on border a		Joaquin Marruffo- CEDES (joaquinmarruffo@cedes.gob.mx)	
Coordinate with EPA-HQ and SEMARNAT-HQ				Rick Picardi- US EPA	Annually report, unless there are proposed new
to implement Consultative Mechanism in coordination with the border states of AZ/Sonora.				(Picardi.Rick@epa.gov) Eduardo Gonzalez Hernandez- SEMARNAT	facilities in which case the respective countries should be notified within 30 days of a petition for a facility permit.
				(eduardo.gonzalezh@semarnat.gob.mx)	
Goal 4: Enhance Joint Prepared			valuate and undate the emergency actification	n mochanism hotwaan Mavies and the Usite	d States
Table top exercises in Rio Rico and Nogales,	Procuraduria Federal de Protección	stillo,000 \$100,000	valuate and update the emergency notificatio US EPA Superfund	Lida Tan- US EPA	Table top exercise in Rio Rico and Nogales, Sonora.
Sonora	al Ambiente (PROPEPA), Protección Civil de Sonora, Local Responders	<i>4200,000</i>		(tan.lida@epa.gov)	Identify recommendations for improvements

Objective 2: By 2020, at least eight (8) of	the sister city joint contingency p	plans will be supplemented with preparednes	s and prevention related activition
Trinational Contingency Plan for Tohono	Tohono O'odham/ City of Yuma/	\$80,000	US EPA Superfund
<b>C</b> ,	City of San Luis Rio Colorado		
bjective 3: By 2016, the US-Mexico JRT	will make available technical out	reach and training materials for distribution a	nd dissemination along the bord
	Arizona Emergency Management	\$2,500	US EPA Superfund
Distribution of Incident Command System, Personal Protective Equipment, Fire Safety, Radiation Safety, Mercury Response, First Responder Awareness	Arizona Emergency Management	\$10,000	US EPA Superfund
Dbjective 4: By 2016, the US-Mexico JRT v	will analyze existing agreements (	including sister city plans) that allow trans-bo	l undary movement of equipmen
Goal 5: Enhance Compliance As	surance and Environmen	tal Stewardshin	
		.S. and Mexican agencies regarding the move	ment of hazardous waste across
nspection capacity to police hazardous w	vaste shipments.		
	Arizona Department of Environmental Quality (ADEQ)	\$100,000/yr and 1 FTE	ADEQ, US EPA
onduct inspections of a representative ample of auto/commercial truck shops in ne border region to ensure compliance with azardous waste and solid waste regulatory equirements.	ADEQ	Staff Time	ADEQ, US EPA
Dbjective 2: By 2020, in Mexico, increase overnment, using 2012 as a baseline.	by 25 percent the number of bu	sinesses in the border region enrolled in the N	lational Program for Environmer
	Procuraduria Federal de Protección al Ambiente (PROPEPA)		PROFEPA (Sonora)
Objective 3: Using the U.S. Toxic Release transboundary air and/or water basins al		Registry of Emissions and Transfers of Polluta	nts (RETC), along with other sou
Increases public knowledge of industrial discharges/releases, using EPA's Toxic Release Inventory (TRI). Prepare TRI factsheets highlighting 2011 data in the Arizona Border Region.	US EPA- Region 9	Staff Time	US EPA
bjective 4: By 2020, implement at least espective compliance and enforcement p	• • •	geted to environmental enforcement professi d inspection and case studies.	onals, including port-of-entry cu
	US EPA, Secretaría de Medio Ambiente y Recursos Naturales (SEMARNAT), Procuraduria Federal de Protección al Ambiente	\$18,000	US EPA

	ertified training, risk analysis, and/or capac	
	Lida Tan- US EPA (tan.lida@epa.gov)	Finalization of the plan
border.		
	Lida Tan- US EPA	750 Spanish copies of DOT emergency response guide
	(tan.lida@epa.gov)	distributed
	Lida Tan- US EPA (tan.lida@epa.gov)	Distribute emergency response materials in Spanish
ment and perso	nnel for comparison purposes.	
ross the border	and its ultimate treatment or disposal. In a	addition, ensure that land ports-of-entry have sufficient
	Emily Pimentel- US EPA	Inspections performed through ADEQ's hazardous waste
	(pimentel.emily@epa.gov)	compliance program. Metric: Number of inspections performed.
	Ivan Lieben- US EPA (lieben.ivan@epa.gov)	
	Amanda Stone- ADEQ	
	(as3@azdeq.gov)	
	Randy Matas- ADEQ (rgm@azdeq.gov)	
	Amanda Stone- ADEQ	Inspections performed through ADEQ's solid waste and
	(as3@azdeq.gov)	hazardous waste compliance programs. Metric: Number of inspections performed.
	Randy Matas- ADEQ (rgm@azdeq.gov)	
mental Auditing	g (PNAA) and/or similar programs at the sta	ate level for facilities not regulated by the federal
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	ironmental information, share information José García- US EPA	This field will be updated in 2013 and 2014
	ironmental information, share information	This field will be updated in 2013 and 2014 regarding activities contributing pollution to
	ironmental information, share information José García- US EPA	This field will be updated in 2013 and 2014 regarding activities contributing pollution to One factsheet covering TRI releases in Arizona border
sources of envi	ironmental information, share information José García- US EPA (garcia.jose@epa.gov)	This field will be updated in 2013 and 2014         regarding activities contributing pollution to         One factsheet covering TRI releases in Arizona border region
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sources of envi	ironmental information, share information José García- US EPA (garcia.jose@epa.gov) essionals, to promote the exchange of infor	This field will be updated in 2013 and 2014         regarding activities contributing pollution to         One factsheet covering TRI releases in Arizona border region         rmation and improve understanding of each country's         Training to enhance improved intelligence and
sources of envi	ironmental information, share information José García- US EPA (garcia.jose@epa.gov) essionals, to promote the exchange of infor Emily Pimentel- US EPA (pimentel.emily@epa.gov)	This field will be updated in 2013 and 2014  regarding activities contributing pollution to  One factsheet covering TRI releases in Arizona border region  rmation and improve understanding of each country's
sources of envi	ironmental information, share information José García- US EPA (garcia.jose@epa.gov) essionals, to promote the exchange of infor	This field will be updated in 2013 and 2014         regarding activities contributing pollution to         One factsheet covering TRI releases in Arizona border region         rmation and improve understanding of each country's         Training to enhance improved intelligence and information on smart enforcement, binational case
sources of envi	ironmental information, share information José García- US EPA (garcia.jose@epa.gov) essionals, to promote the exchange of infor Emily Pimentel- US EPA (pimentel.emily@epa.gov) Ivan Lieben- US EPA	This field will be updated in 2013 and 2014         regarding activities contributing pollution to         One factsheet covering TRI releases in Arizona border region         rmation and improve understanding of each country's         Training to enhance improved intelligence and information on smart enforcement, binational case
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sources of envi	ironmental information, share information José García- US EPA (garcia.jose@epa.gov) essionals, to promote the exchange of infor Emily Pimentel- US EPA (pimentel.emily@epa.gov) Ivan Lieben- US EPA (lieben.ivan@epa.gov) Ivan Lieben- US EPA (lieben.ivan@epa.gov) Amanda Stone- ADEQ (as3@azdeq.gov) Randy Matas- ADEQ	This field will be updated in 2013 and 2014         regarding activities contributing pollution to         One factsheet covering TRI releases in Arizona border region         rmation and improve understanding of each country's         Training to enhance improved intelligence and information on smart enforcement, binational case
sources of envi	Image: information information information information, share information         José García- US EPA (garcia.jose@epa.gov)         Image: information information information information         Essionals, to promote the exchange of information         Emily Pimentel- US EPA (pimentel.emily@epa.gov)         Ivan Lieben- US EPA (lieben.ivan@epa.gov)         Amanda Stone- ADEQ (as3@azdeq.gov)         Randy Matas- ADEQ (rgm@azdeq.gov)         Joaquin Marruffo- CEDES	This field will be updated in 2013 and 2014         regarding activities contributing pollution to         One factsheet covering TRI releases in Arizona border region         rmation and improve understanding of each country's         Training to enhance improved intelligence and information on smart enforcement, binational case