

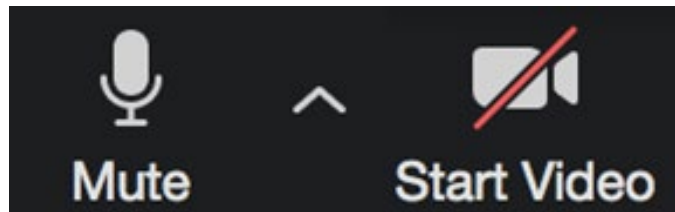


WELCOME

**Border 2025 Goal 3 Webinar Series
Circular Strategies for the Sustainable Management of
Scrap Tires – Part 1: Connecting Border-wide Work and
Initiatives on Scrap Tires**

February 15, 2024

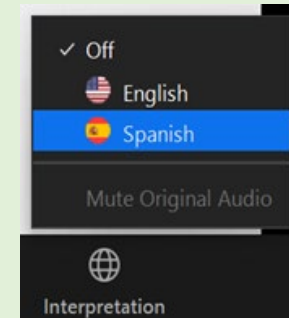
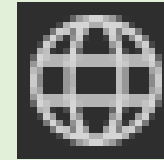
**Please Turn Off your
Microphone**



Interpretation

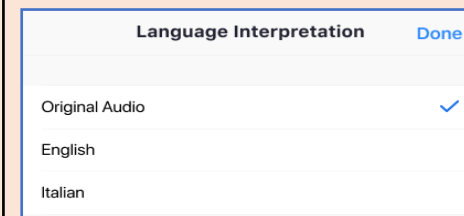
Computers

1. In your meeting/webinar controls (bottom bar), click Interpretation.
2. Click "English"



Cell Phones, Tablets

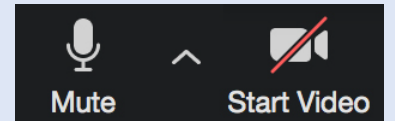
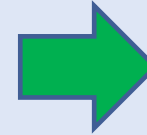
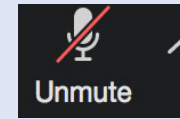
1. In your meeting controls, tap ... More.
2. Tap Language Interpretation. Tap English



QUESTIONS



Visit toolbar to unmute



Cellphone

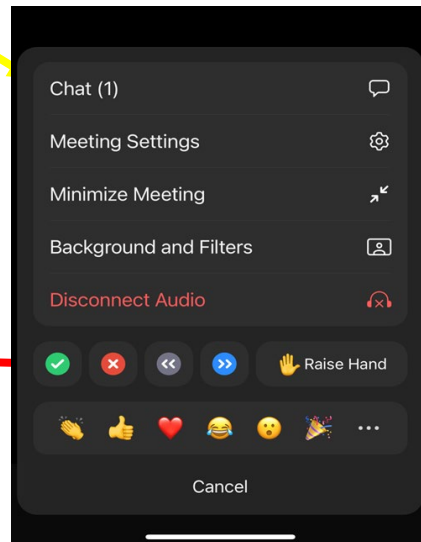
Click More



Chat



Raise hand

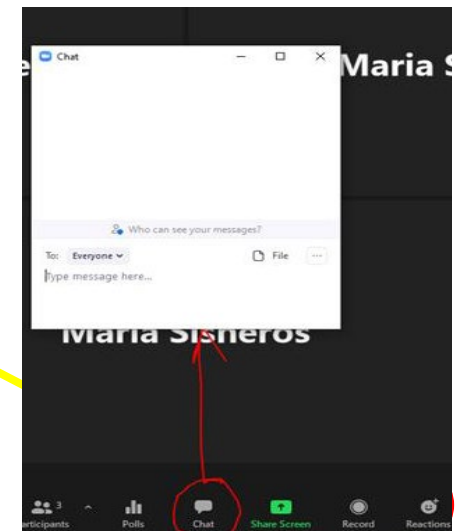


Computer

Chat



Raise hand



Zoom Meeting Best Practices



- **Use “*raise hand*” or chat feature to indicate you would like to comment/speak**
- **Turn off microphone when you are not talking**

Mute Original Audio if you would not like to hear the (Spanish) original audio while it is being interpreted into English

OPTIONAL



WELCOME

**Border 2025 Goal 3 Webinar Series
Circular Strategies for the Sustainable Management of
Scrap Tires – Part 1: Connecting Border-wide Work and
Initiatives on Scrap Tires**

February 15, 2024

Arizona-Sonora Tire Action Plan

Thursday, February 15, 2024

Nicholas Matthews

Border Programs Unit, ADEQ



GOBIERNO
DE SONORA

COMISIÓN DE
ECOLOGÍA Y DESARROLLO
SUSTENTABLE DEL
ESTADO DE SONORA



- Importation and exportation activity of used tires in the Arizona/Sonora border region is significant.
- Used tire management has presented a historic challenge to environmental quality and public health, with a long history of collaborative response between Arizona and Sonora
- Recent tire fires renewed importance of response, emerging as a priority of the Border 2025 Waste Task Force discussion held in May 2023.



Tire Fires are a Recurring Problem in San Luis Rio Colorado, Sonora

From Tribuna de San Luis, May 23, 2023

- The Arizona-Sonora Environmental Strategic Plan for 2023-2027 (ASESP) was developed as a binational planning tool between Arizona and Sonora.
- Improvements to used tire management and disposal are listed as priority goals to accomplish in the Waste Management section of the ASESP.
- Subsequent coordination between CEDES and ADEQ, as well as with EPA Region 9 and CalRecycle defined possible pathways.
- Arizona-Sonora Tire Action Plan defines feasible action items and a timeline for their implementation.

Arizona-Sonora Environmental Strategic Plan 2023-2027

Binational collaboration to improve the environment and public health in the Arizona-Sonora Border Region.



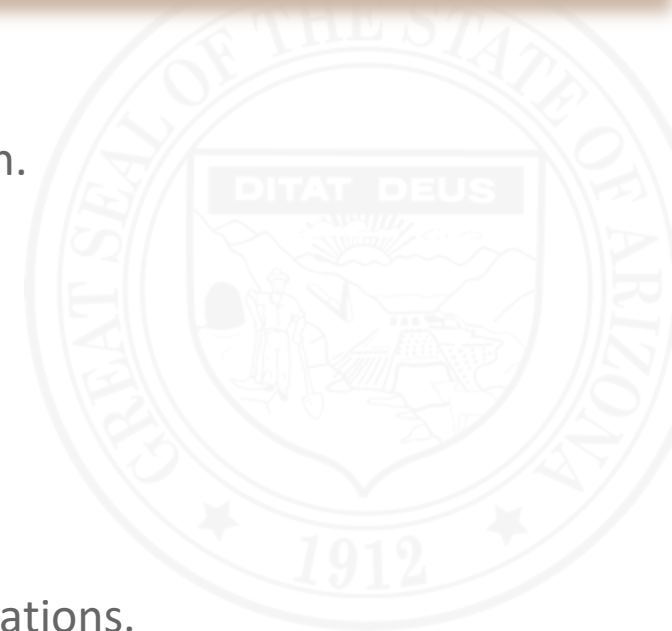
Commitments from ADEQ

- Identify room for improvement on border tire management legislation in Arizona.
- Diagnostic study on the current state of tire management in the AZ/SON border region.
- Material and organizational support to CEDES for capacity building/education.

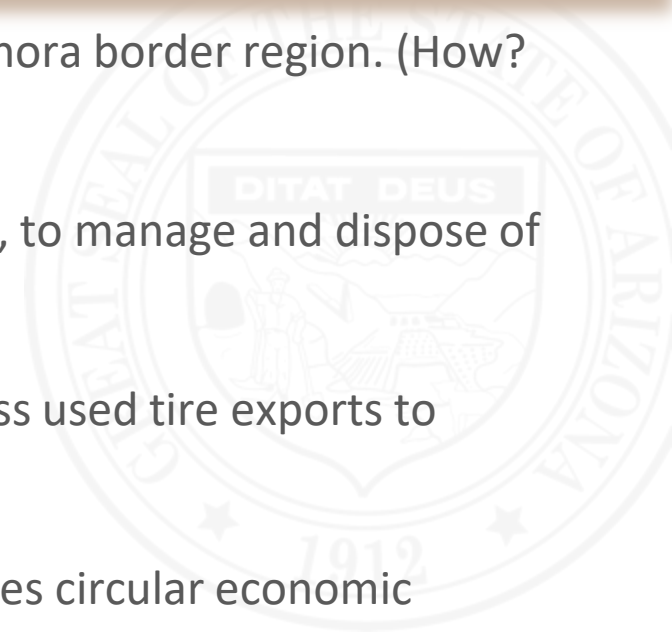


Commitments from CEDES

- Updates and changes to Sonoran tire management regulations.
- Conduct a field survey to identify key players in the importation and sale of used tires.
- Implement more than two processes for educational and capacity building events in 2024 and 2025.
- 3 workshops/presentations on the re-use and revaluation of used tires.



- Improved understanding of the nature of tire imports and exports in the Arizona/Sonora border region. (How? Where? Who? What can be done?)
- Increased capacity in Sonoran local and state government, as well as private entities, to manage and dispose of used tires in a comprehensive, and sustainable manner.
- Improve institutional and regulatory framework in Arizona to understand and address used tire exports to Mexico.
- Contribution to the development of an end-market for tires in Sonora that encourages circular economic practices.
- Improved mechanisms for collaboration on tire management between Arizona and Sonora.



Thank you!

Nicholas Matthews
matthews.nicholas@azdeq.gov



GOBIERNO
DE SONORA

COMISIÓN DE
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SUSTENTABLE DEL
ESTADO DE SONORA



TCEQ Scrap Tire Program

MELISSA HARRISON

WASTE PERMITS DIVISION

Number of Registrations by Region

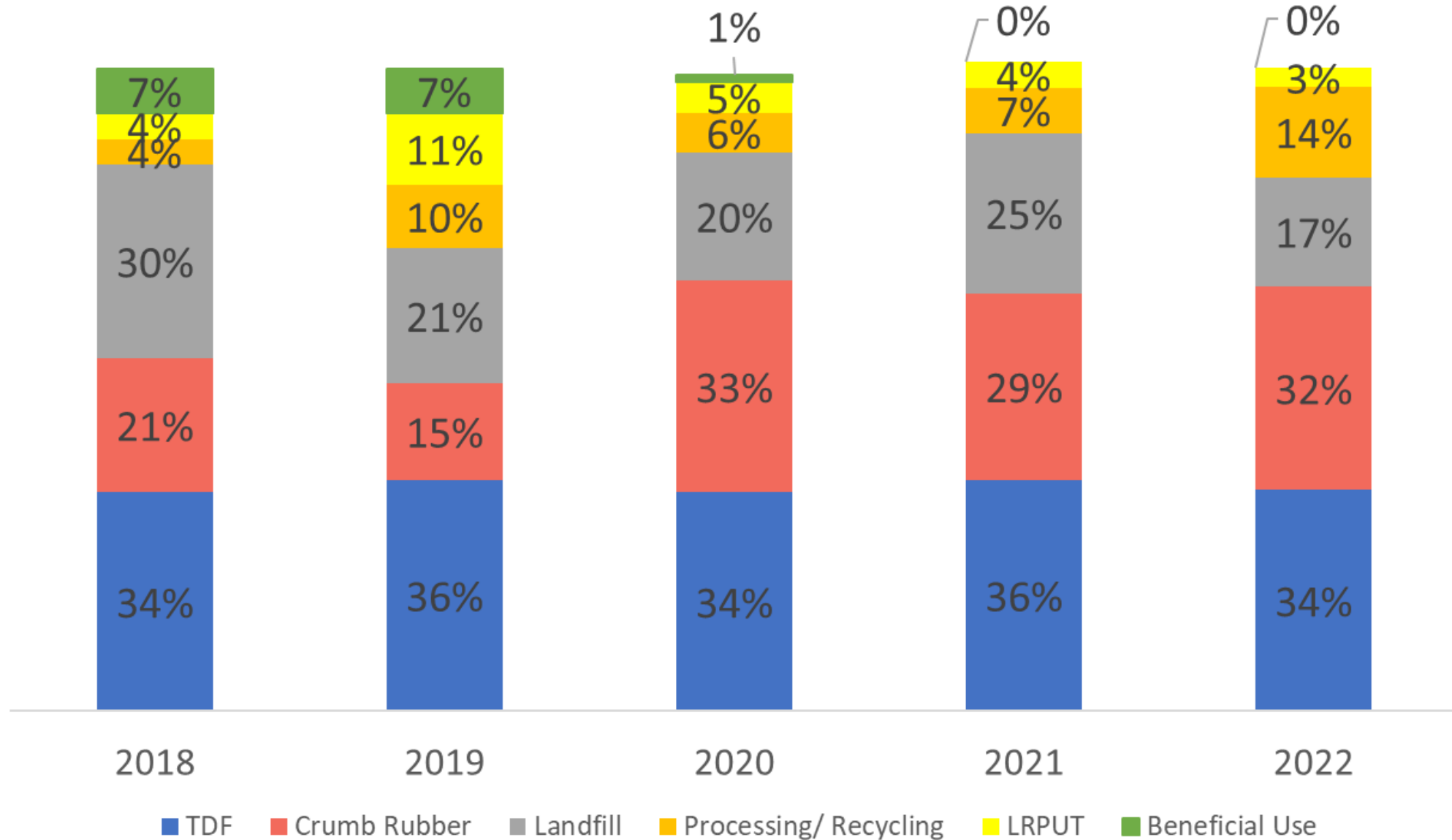
REGION 06 EL PASO	Total 186
GEN	170
LRPUT	2
PROC	2
STOR	1
STOR-PROC	1
TRANS	10

REGION 15 HARLINGEN	Total 385
GEN	355
GEN-PROC	2
PROC	5
PROC-RECYCLER	1
STOR-PROC	1
TRANS	21

REGION 16 LAREDO	Total 230
GEN	208
GEN-PROC	4
LRPUT	1
PROC	6
TRANS	11

801 Registrations Total

END-USES FOR SCRAP TIRES 2018 - 2022



2022 Scrap Tire Management and Available Alternatives in Texas' Lower Rio Grande Valley Development Council Region

Prepared by
Texas State Institute for
Government Innovation for
LRGVDV

Recommendations:



1. Engage with scrap tire transporters who have end users



2. Engage with scrap tire processors and end users



3. Pursue LRPOT efforts



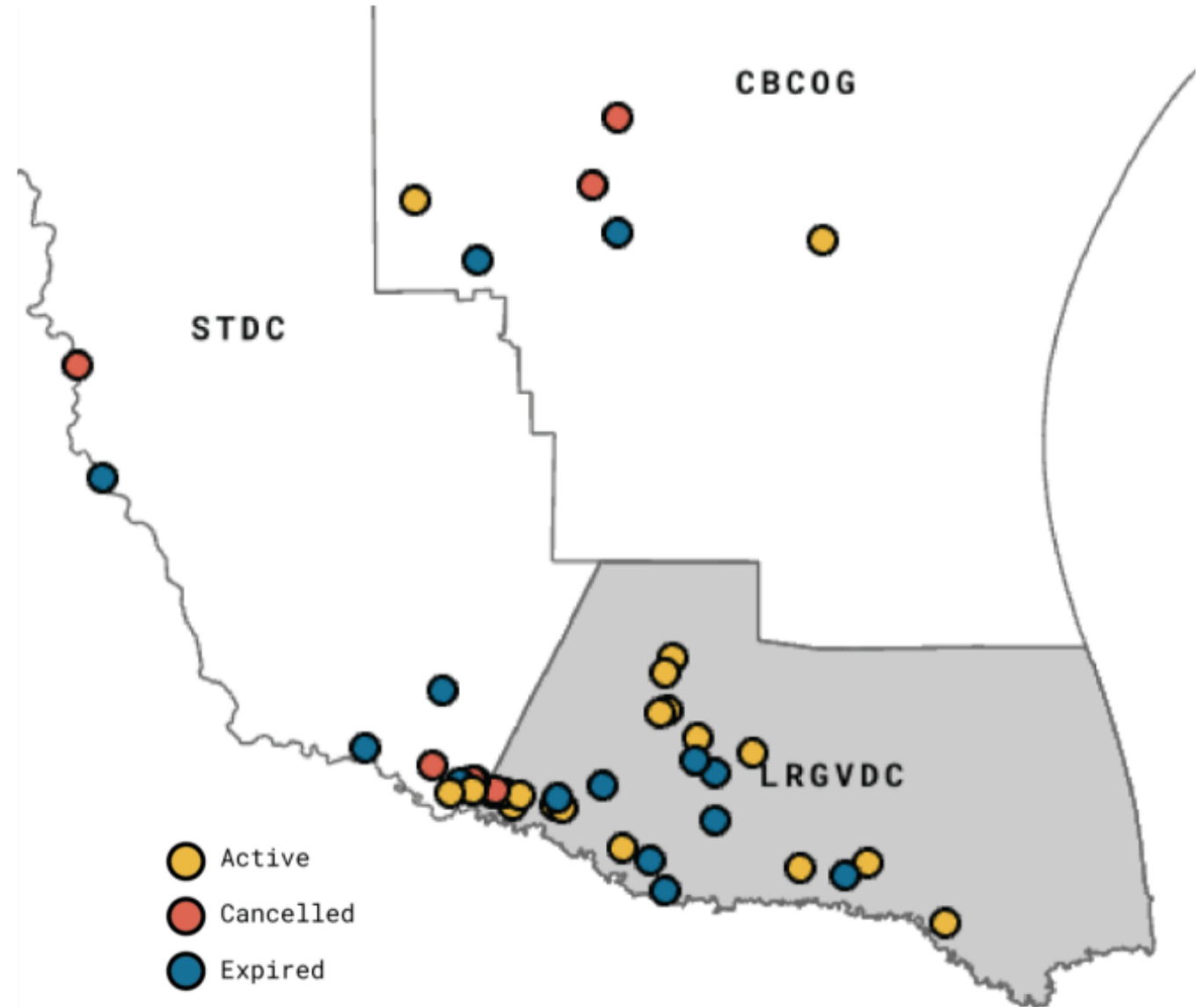
4. Consider adopting a model ordinance throughout the Region and supporting statewide scrap tire management legislation



5. Stay abreast of changes in the scrap tire industry

Potential LRPUT Locations

Figure 10 shows the possible LRPUT locations. For more information, see Appendix 1: Land Reclamation Projects Using Tires Locations.



Projects Funded Through Regional Solid Waste Grants Program

- Regional studies
- Education
- Collection/cleanup events
- Establish tire cutting and/or disposal program
- Amnesty days

In FY20-21:



Starr County Tire Program

South Texas Development Council has awarded Starr Co. multiple grants to develop their scrap tire program at the Rio Grande City transfer station.

The grant provided two skid loaders for moving large amounts of tires efficiently, three tire cutters (including one for large tires, e.g., semi-truck tires), and other various equipment to keep their shop clean and safe.

During the FY20/21 grant period, 25,404 tires were processed.



El Paso County Water Improvement District #1 Partnerships



EPCWID brought together the communities in its district to link resources for five jointly-hosted residential tire collection events.

EPCWID's goal is to prevent illegal dumping in hundreds of miles of irrigation canals and drainage systems it maintains.

During the five events, about 32,000 tires were collected for proper disposal.

Rio Grande Council of Governments



Road to Recycling

Lower Rio Grande Valley through their Road to Recycling Program collected 62,800 tires from Litter/Illegal Dumping Cleanup and Community Collection Events.

The project encompassed a region-wide collaboration of community awareness and training campaign featuring designated periods for community cleanup and amnesty drop-off sites, located in areas across the Valley.



Join Our Listserv!

- Receive updates from the Scrap Tire Program, and notification of scrap tire reports, forms, rules, guidance, and procedure updates.
- To sign up for the Scrap Tires Listserv, email join-tires@listserv.tceq.texas.gov.





Resources and Contacts

TCEQ Scrap Tire Program Website

<https://www.tceq.texas.gov/tires>

Contacts

General questions to tires@tceq.Texas.gov

Questions about annual reports

tirerpts@tceq.Texas.gov

Contacts

- **Clara Vazeix, Deputy Director for Policy Development and Analysis**
Clara.Vazeix@Calrecycle.ca.gov
- **Katrina Leni-Konig, Deputy Director for Environmental Justice, Tribal Relations, and Education**
katrina.leni-konig@Calrecycle.ca.gov

CalRecycle's Five-Year Plan for the Waste Tire Recycling Management Program

**US-Mexico Border 2025 Workgroup Webinar
February 15, 2024**

**Mark de Bie
Deputy Director
CalRecycle**

CalRecycle's Mission

Protecting California's environment and climate for the health and prosperity of future generations through:

- The reduction, reuse, and recycling of California resources
- Environmental education
- Disaster recovery
- The transition from a disposable to a fully circular economy



CalRecycle

California's Waste Tire Management Program

- 3 large fires in the 1990s
- Program established in 2000 to protect public health & environment
- Develop markets
- Develop and submit to the Legislature a Five Year Plan for program implementation
- The Plan identifies performance criteria, objectives, and budget allocations



Five-Year Plan for the Waste Tire Recycling Management Program (Five-Year Tire Plan)

- What is the [Five-Year Tire Plan](#)?
- Why is the Five-Year Tire Plan implemented?
- What is in the Five-Year Tire Plan?

Twelfth Edition
Fiscal Years 2023-24 to 2027-28

Report to The Legislature
**Five-Year Plan for the
Waste Tire Recycling
Management Program**

July 1, 2023

Cal Recycle 

CalRecycle 

What is the Five-Year Tire Plan?

- A legislative report required by Senate Bill 876 (Escutia, Statutes of 2000)
- Updated every two years
- Current 12th edition covers fiscal year 2023-24 to 2027-28

What is in the Five-Year Tire Plan?

The Five-Year Tire Plan is divided into program elements:

-
- Enforcement for proper storage of waste and used tires
 - Waste and used tire hauler program and manifest system
 - Cleanup, abatement, or other actions to cleanup tire stockpiles in the state
 - Research to promote and develop alternatives to landfill disposal
 - Market development and new technology activities for waste and used tires
 - California/Mexico Border activities

California/Mexico Border Waste Tire Activities and Support

Activities to provide support in the Border Region:

1. Spanish Translation and Interpretation Services
2. Tire Cleanups in California including the Border Region
3. Market Development Technical Workshops
4. Waste Tire Hauler Training to Mexico based Tire Haulers
5. Feasibility Committee for Market Development of Civil Engineering in Mexico
6. Border Check Point Cross-Training Workgroup
7. Technical Assistance
8. Staff Participation in Focus Groups in the Border Region



California/Mexico Border Waste Tire Activities and Support (Cont'd)

CalRecycle has funded and engaged in a range of border-related activities, including:

- Tire flow studies in [2009](#) and [2017](#) – San Diego State University
- CHP Identification of legacy tire piles in the border region in 2011
- Two CalRecycle-managed cleanups of the Goat Canyon Debris Basin in 2009 and 2012
- A report on the development of an integrated waste management plan for the State of Baja California in [2012](#) - UC Berkeley
- Training of California's waste tire hauler registration and manifest program
- Regular collection and transportation by Local Conservation Corps of illegally dumped tires

California/Mexico Border Waste Tire Activities and Support (Cont'd)

Recent Activities

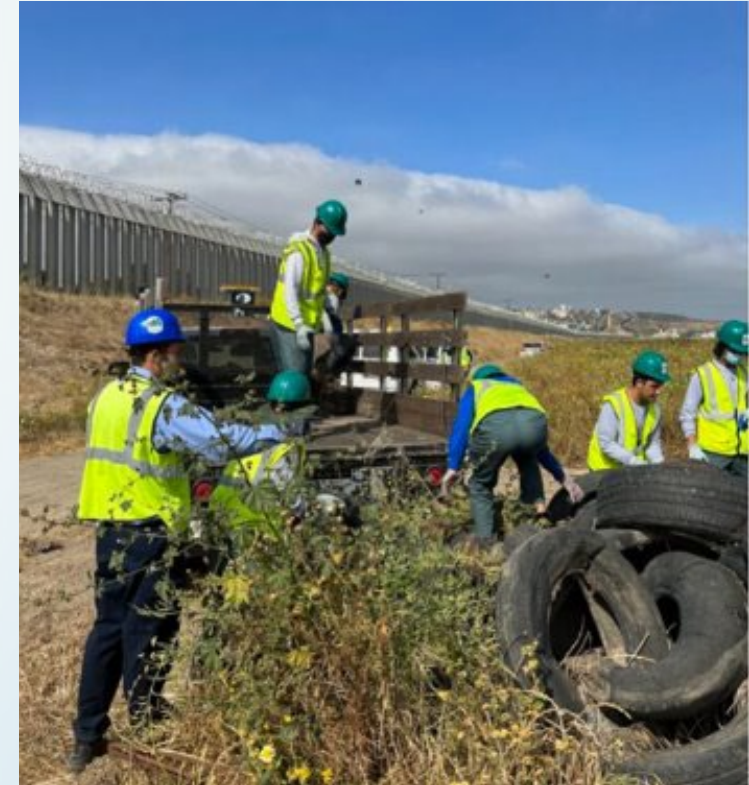
- Tire Cleanup by San Diego Local Conservation Urban Corps on International Boundary and Water Commission (IBWC) lands:
 - Removed 3,000 tires from Tijuana riverbed from May to June 2022.
- Initiated Planning for Tire Cleanup at Border Field State Park:
 - Addressed tires washed into park from Tijuana River.
- Tire Cleanup Grants to San Diego County:
 - Removed 2,300 tires from Smugglers Gulch site.



California/Mexico Border Waste Tire Activities and Support (Cont'd)

Recent Activities (Cont'd)

- Tire Cleanup Grants to Imperial County:
- Removed approximately 5,000 tires between October and December 2022.
- Used Tire Management Training for USEPA/DTSC Cross Border Trucking Stakeholders and Regulated community:
 - 2-hour virtual training on CA tire regulations, manifesting, retreading, and management, June 2022
- Border Region Illegal Tire Dumping Study by Geo-Logic Associates:
 - Interviews identified 21 potential tire dump sites
 - Study did not identify large tire piles
 - Largest site had between 600-800 tires



California/Mexico Border Waste Tire Activities and Support (Cont'd)

Available Resources

- Local Conservation Corps Grants - \$5 million/year:
 - For labor in cleanup events, education and outreach
- Local Government Waste Tire Amnesty Grants and Local Government Waste Tire Cleanup Grants - \$1.25 million/year:
 - Grants to cities and counties for cleaning up illegally dumped waste tires (priority for Imperial and San Diego Counties)
- Farm and Ranch Cleanup Grants - \$1 million/year
- CalRecycle-Managed Enforcement Cleanup Contracts - \$300,000/year

Register for the CalRecycle 2024 Tire Conference June 19 – 20, 2024, Sacramento, CA

[Register to attend virtually:](https://web.cvent.com/event/3fcf368a-5c3b-4381-80be-41a1f4baeafb/summary)
[WELCOME - CalRecycle 2024 California Tire Conference](https://web.cvent.com/event/3fcf368a-5c3b-4381-80be-41a1f4baeafb/summary)

<https://web.cvent.com/event/3fcf368a-5c3b-4381-80be-41a1f4baeafb/summary>

**2024 CALIFORNIA
TIRE CONFERENCE**
DRIVING TOWARD A CIRCULAR ECONOMY



Option 2

Questions?

Mark de Bie
Deputy Director
CalRecycle

Mark.DeBie@CalRecycle.ca.gov



▶ Resources for Used Tire Management

Katie Linder

U.S. Environmental Protection Agency

Office of Resource Conservation and Recovery

2/15/2024

Objectives of the Presentation

Discuss the landscape of existing tools related to used tire management.

Elicit reactions and ideas, and facilitate the exchange of information.

Global Conversation Around Tires

- ▶ Basel Convention [Technical Guidelines](#)
- ▶ Varied national strategies
 - ▶ Ex: [Guidebook for Used Tire Management](#) from Colombia
- ▶ Private and non-profit sector tools
 - ▶ [End-of-Life Tire Management Toolkit](#)

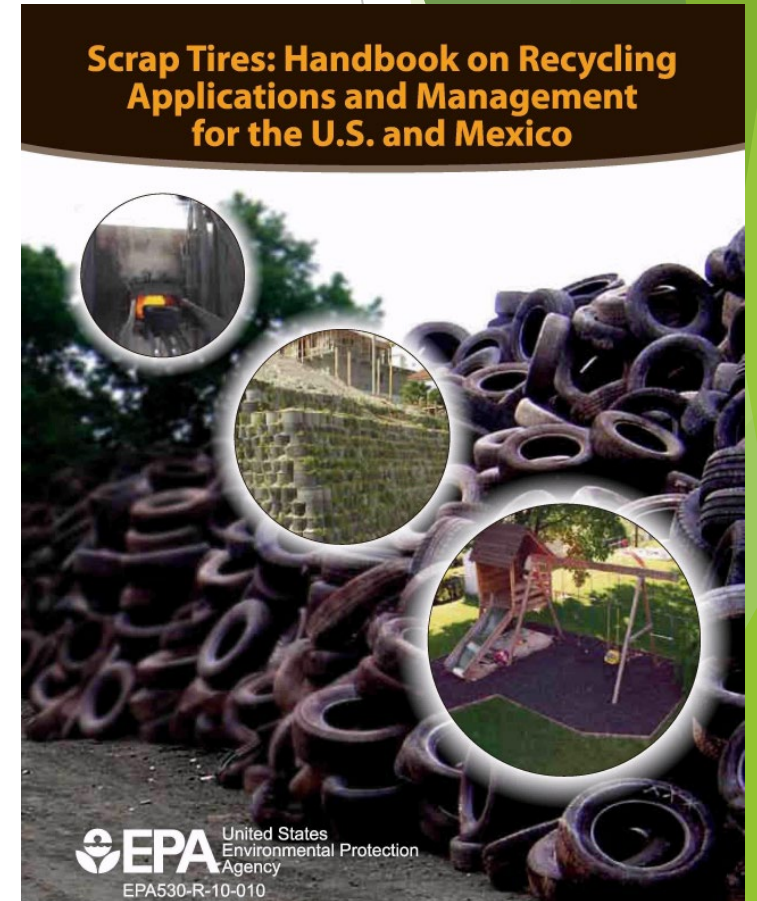


Scrap Tires in the United States

- ▶ US EPA [archived tools](#)
 - ▶ [Scrap Tire Cleanup Guidebook: A Resource for Solid Waste Managers Across the United States](#)
- ▶ [Model Recycling Program Toolkit](#)
- ▶ There are numerous state level resources across the United States
- ▶ Additional resource Scrap Tire Workgroup and [The Tire Recycling Conference, May 14-17](#)

Used Tires in the Border Region

- ▶ [Scrap Tires: Handbook on Recycling Applications and Management for the US and Mexico](#)
- ▶ [Best Practices Manual for Scrap Tire Management at Collection Centers](#)



Polling Question 1

Please indicate the state you work in.

- Baja California, MX
- Sonora, MX
- Chihuahua, MX
- Coahuila, MX
- Nuevo Leon, MX
- Tamaulipas, MX
- California, USA
- Arizona, USA
- Texas, USA
- New Mexico, USA
- Nivel Regional | Regional Level
- Nivel Federal | Federal Level
- Otro | Other

Polling Question 2

Please indicate the sector you work in.

- Gobierno federal | Federal government
- Gobierno estatal | State government
- Gobierno municipal o local | Municipal or local government
- Sector privado | Private sector
- Sector sin fines de lucro | Non-profit sector
- Academia | Academics
- Otro | Other

Polling Question 3

Were you previously aware of the tools outlined in the presentation?

- I was aware of all (or almost all) of these tools.
- I was aware of some of these tools.
- I was aware of none or almost none of these tools.

Polling Question 4

Have you used any of the tools previously?

- I have used at least one of these tools frequently.
- I have used at least one of the tools on a limited basis.
- I have never used any of these tools.

Polling Question 5

Outside of the tools mentioned in the presentation, are there any other scrap tire resources that have been helpful to your work?

- No
- Yes
 - Please provide more details or a link

Polling Question 6

In general, do you feel that you are able to easily find and access the information you need to address used tires in your community/state/region?

- Yes
- No

Polling Question 7

For future tools and resources on scrap tires, what would be most useful to include? E.g. regulatory information, technical guidance, planning and programmatic guidance, contact directories, other?

- Please provide some details.

Thank you!

linder.katherine@epa.gov

EPA HQ waste policy workgroup POC:

kreisler.eva@epa.gov

Discussion Questions

1. What are the common challenges that you are experiencing or observing related to scrap tires in your community or region?
2. Are there any scrap tires initiatives or projects that are currently being undertaken in your community or region to address scrap tires?
3. What topics would you like to discuss in a part 2 webinar?