Alberta recycling MANAGEMENT AUTHORITY

STEWARDSHIP
TIRE RECYCLING
2025–2026 PROGRESS REPORT

1.66 MILLION TONNES OF TIRES RECYCLED SINCE 1992

THAT'S EQUIVALENT TO APPROXIMATELY **277,000 AFRICAN ELEPHANTS**

DROPPED OF AT **357** COLLECTION SITES IN 133 MUNICIPALITIES AND INDIGENOUS COMMUNITIES

ALSO PICKED UP FROM ALBERTA TIRE AND VEHICLE DEALERS

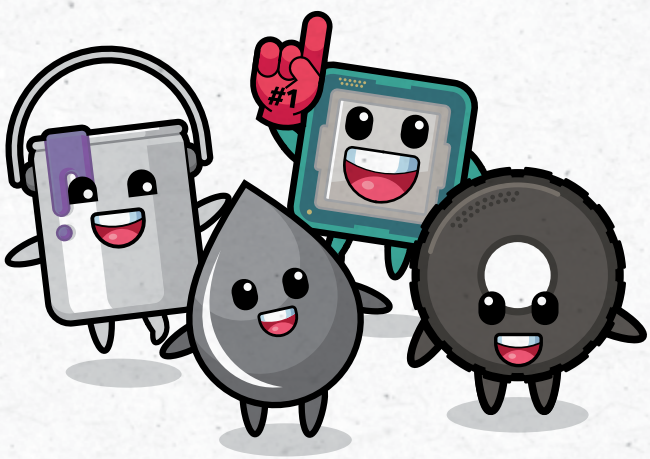
TRANSPORTED TO **THREE** REGISTERED TIRE RECYCLING FACILITIES IN ALBERTA

TIRES CAN BE PROCESSED INTO TIRE-DERIVED AGGREGATE FOR CIVIL ENGINEERING PROJECTS

OR PROCESSED INTO MULCH FOR LANDSCAPING, AND CRUMB FOR VARIOUS PRODUCTS

TIRE SUPPLIERS' **RECYCLING ROLE**

When Albertans get new tires, they usually leave their old ones behind. They can because vehicle and tire dealers, and auto repair shops play a dual role—selling new tires and making sure the end-of-life tires you leave behind are collected for recycling at Alberta facilities.



TEACHING RESOURCES

Developed by ARMA, this engaging resource introduces students to the recycling process for electronics, paint, tires, and used oil materials—an essential yet often overlooked part of environmental responsibility.

Featuring interactive learning resources and activities, this guide complements other recycling education resources, reinforcing the principles of reducing, reusing, and recycling, with a specific focus on materials that go beyond the blue bin.

Find it on our website under the **'Learn'** section.

TIRE RECYCLING RESULTS

This chart displays results of tire recycling over the last three years.

TIRES PROCESSED	COLLECTED	PROCESSED	KG. PER CAPITA COLLECTED	RECOVERY RATE FOR PLTT, MTT, AND SIO TIRES COLLECTED*	RECOVERY RATE FOR OFF-THE-ROAD-TIRES COLLECTED
2023–2024 Result	85,263	65,168	18.19	99%	71%
2024–2025 Result	85,112	70,969	17.34	96%	70%
2025–2026 Target	81,294	72,628	16.16	99%	64%
2025–2026 Result	**92,998**	**78,968**	**18.49**	**103%****	**76%**

**Passenger and Light Truck Tires (PLTT), Medium Truck Tires (MTT), Specialty, Industrial and Other Tires (SIO).*
***Due to a large tire project resulting in stockpile reduction.*

TIRE RECYCLING **BY TYPE**

This chart breaks out the amount of tires processed by type for the past three years. Tires vary in size and weight, therefore a standardized unit is applied to present the results, using a passenger-tire-equivalent (PTE) of one PTE equaling 10 kgs. There is 100 PTEs in one tonne of tires.

YEAR	PASSENGER, LIGHT TRUCK, SPECIALTY, INDUSTRIAL & OTHER TIRES (PTE)	MEDIUM TRUCK TIRES (PTE)	OFF-THE-ROAD TIRES (PTE)
2023–2024	4,584,700	3,088,900	212,800
2024–2025	5,513,953	2,600,281	394,840
2025–2026	6,159,075	2,050,526	741,154

PROGRAM **SUSTAINABILITY**

The environmental fees Albertans pay for new tires are used to help fund the collection and recycling of used material along with other program-related costs. Registered producers and suppliers remit fees on eligible products sold. ARMA values their commitment as part of the front line of the program.

Periodically, sustainability reviews of processor operations are conducted by an independent third-party to assess if program funding levels are appropriate.

FEE MANAGEMENT

RECYCLING EXPENDITURES

89.9%

Collection and recycling of tires

RECYCLING DEVELOPMENT

0.6%

R&D; Program awareness

PROGRAM DELIVERY EXPENDITURES

5.5%

Costs to deliver the program

CORPORATE ADMINISTRATION

4.0%

Corporate costs

ENVIRONMENTAL FEES

	CAR AND LIGHT TRUCK TIRES *INCL. SPARES, SPORT & CROSS-OVER UTILITY, MEDIUM TRUCK <19.5" RIM*	**$5.00/tire**
	SPECIALTY, INDUSTRIAL AND OTHER TIRES *INCL. TRAILER, ATV, DIRT BIKE, FORKLIFT, SMALL LOADERS, AND SKID-STEERS*	**$5.00/tire**
	MEDIUM TRUCK TIRES INCL. LARGE COMMERCIAL FREIGHT TRUCKS, AND PASSENGER BUSES	**$14.00/tire**
	OFF-THE-ROAD TIRES INCL. CONSTRUCTION, ROAD BUILDING, FORESTRY AND MINING, OIL EXPLORATION, ETC.	**$40.00, $100.00, or $200.00/tire depending on rim size**

ENVIRONMENTAL **COMPLIANCE**

ARMA's goal is to ensure all end-of-life tires are collected and recycled by registered processors in an environmentally and socially responsible manner. Monthly site visits and independent environmental audits every three years help confirm processors meet program requirements.

"Alberta's tire recovery rate has consistently been around 30% higher than the national average."

2026 EY Economic Impact Assessment: Canadian Association of Tire Recycling Agencies (CATRA).

THE RECYCLING PROCESS FOR USED TIRES

Registered processors collect tires from businesses and registered collection sites located in municipalities and Indigenous communities across Alberta.

Collected tires are processed into a variety of Tire-Derived Products (TDPs) through several recycling and manufacturing methods. These engineered materials are used in infrastructure, manufacturing, and community projects across the province. Key TDPs include tire-derived aggregate (TDA), landscaping mulch, crumb rubber, and rubber-modified asphalt (RMA).

STAGE 1

Tires are shredded into spec pieces for use as tire-derived aggregate (TDA). The steel and fibre are still embedded.

APPLICATION: TDA is a cost-effective, engineered material made from processed scrap tires to a designated specification for use in civil engineering or environmental applications, such as leachate drainage systems.

STAGE 2

The shredded tires are ground to make mulch, with the steel removed.

APPLICATION: For use in landscaping.

STAGE 3

The shredded tires are processed into crumb, with the steel and fibre removed.

APPLICATION: For use in playground surfaces, various molded products, synthetic turf, and athletic tracks.

For more information, read ARMA's Annual Report on our website under **Publications** or scan the QR code.

Alberta recycling MANAGEMENT AUTHORITY

INSPIRING A FUTURE WITHOUT WASTE®

PRINTED ON RECYCLED PAPER

DIRECT 780.990.1111 **TOLL-FREE** 1.888.999.8762 **EMAIL** info@albertarecycling.ca | **albertarecycling.ca**