

**North America End-Of-Life Tire (ElT) Management Market Forecast 2023-2032**

Market Report | 2023-04-17 | 149 pages | Inkwood Research

**AVAILABLE LICENSES:**

- Single User Price \$1250.00
- Global Site License \$1500.00
- \$2000.00

**Report description:****KEY FINDINGS**

The North America end-of-life tire (ELT) management market is projected to grow with a CAGR of 4.73% during the estimated period of 2023 to 2032. Factors such as the high per capita vehicle ownership, the robust expansion of the end-of-life tire production as well as the recycling industry, and the increasing prevalence of stewardship programs in North America are set to facilitate the market growth of the region.

**MARKET INSIGHTS**

The North America end-of-life tire (ELT) management market growth evaluation comprises a detailed assessment of Canada and the United States. Canada is the second-largest end-of-life tire manufacturer in North America. As per the latest data issued by the Canadian Association of Tire Recycling Agencies, approximately 950,000 metric tons of scrap tires are generated in the country annually. Additionally, the rate of end-of-life tires generated is increasing by 3% in Canada every year.

Although the demand for end markets has been increasing in the nation, the growth has not been rapid. The performance of provinces with regard to scrap tire elimination has been mixed. While smaller provinces such as Nova Scotia and Manitoba have virtually eliminated their stockpiles, larger provinces like Ontario and Quebec still have significant stockpiles. Aligning with this, Manitoba has recycled over 1.5 million passenger tire equivalents during the last ten years. Hence, these factors are set to influence the end-of-life tire (ELT) management market growth in North America during the forecast period.

**COMPETITIVE INSIGHTS**

Some of the top players operating in the market include Klean Industries Inc, Lehigh Technologies Inc, Genan A/S, etc.

Our report offerings include:

- Explore key findings of the overall market
- Strategic breakdown of market dynamics (Drivers, Restraints, Opportunities, Challenges)
- Market forecasts for a minimum of 9 years, along with 3 years of historical data for all segments, sub-segments, and regions
- Market Segmentation caters to a thorough assessment of key segments with their market estimations
- Geographical Analysis: Assessments of the mentioned regions and country-level segments with their market share
- Key analytics: Porter's Five Forces Analysis, Vendor Landscape, Opportunity Matrix, Key Buying Criteria, etc.
- The competitive landscape is the theoretical explanation of the key companies based on factors, market share, etc.

- Company profiling: A detailed company overview, product/services offered, SCOT analysis, and recent strategic developments

## **Table of Contents:**

### TABLE OF CONTENTS

1. RESEARCH SCOPE & METHODOLOGY
1.1. STUDY OBJECTIVES
1.2. METHODOLOGY
1.3. ASSUMPTIONS & LIMITATIONS
2. EXECUTIVE SUMMARY
2.1. MARKET SIZE & ESTIMATES
2.2. MARKET OVERVIEW
2.3. SCOPE OF STUDY
2.4. MAJOR MARKET FINDINGS
2.4.1. END-OF-LIFE TIRES (ELT) ARE A RESOURCE RATHER THAN WASTE
2.4.2. TIRE-DERIVED FUEL IS AN EXCELLENT SUPPLEMENT TO PRODUCE HEAT DURING CEMENT KILN PRODUCTION
2.4.3. MECHANICAL TREATMENT TECHNOLOGY IS AN IMPORTANT AND DYNAMIC SECTOR FOR END-OF-LIFE TIRES MANAGEMENT
3. MARKET DYNAMICS
3.1. KEY DRIVERS
3.1.1. RUBBER IS A KEY INGREDIENT ACROSS AUXILIARY INDUSTRIES
3.1.2. INDIRECT IMPACT OF INCREASED GOODS CONSUMPTION ON RUBBER DEMANDS
3.2. KEY RESTRAINTS
3.2.1. INCREASED USAGE OF GREEN TIRES
3.2.2. HEALTH HAZARDS AND ENVIRONMENTAL ISSUES ASSOCIATED WITH RUBBER CULTIVATION
4. KEY ANALYTICS
4.1. END-OF-LIFE TIRE (ELT) MANAGEMENT MARKET APPLICATIONS
4.1.1. TIRE-DERIVED APPLICATIONS
4.1.1.1. TIRE-DERIVED FUEL IN CEMENT INDUSTRY
4.1.1.2. TIRE-DERIVED FUEL IN PAPER AND PULP INDUSTRY
4.1.1.3. TIRE-DERIVED FUEL IN ELECTRICAL UTILITIES
4.1.1.4. TIRE-DERIVED FUEL IN INDUSTRIAL AND UTILITY BOILERS
4.1.2. GROUND RUBBER APPLICATIONS
4.1.2.1. RUBBER MODIFIED ASPHALT
4.1.2.2. MOLDED AND EXTRUDED PRODUCTS
4.1.3. ATHLETIC AND RECREATIONAL APPLICATIONS
4.1.3.1. SYNTHETIC SPORTS TURF
4.1.3.2. PLAYGROUND AND OTHER ENTERTAINMENT SURFACES
4.1.3.3. ANIMAL PROTECTION AND LIVING EQUIPMENT
4.1.3.4. HORTICULTURAL AND AGRICULTURAL APPLICATIONS
4.1.4. CIVIL ENGINEERING APPLICATIONS
4.1.4.1. TIRE-DERIVED AGGREGATE (TDA) AS DRAINAGE AGGREGATE
4.1.4.1.1. LANDFILL OPERATIONS
4.1.4.1.2. LANDFILL GAS COLLECTION SYSTEMS
4.1.4.1.3. DRAINAGE APPLICATIONS FOR HIGHWAYS AND OTHER ROADS
4.1.4.1.4. DRAINAGE APPLICATIONS FOR SMALL-SCALE CONSTRUCTIONS
4.1.4.2. TIRE-DERIVED AGGREGATE (TDA) AS LIGHTWEIGHT FILL

- 4.2. END-OF-LIFE TIRE (ELT) TREATMENT TECHNOLOGIES
  - 4.2.1. MECHANICAL TREATMENT TECHNOLOGIES
    - 4.2.1.1. MECHANICAL SHREDDING
    - 4.2.1.2. MECHANICAL GRINDING: GRANULATION
    - 4.2.1.3. WET GRINDING
  - 4.2.2. CRYOGENIC TREATMENT TECHNOLOGIES
    - 4.2.2.1. CRYOGENIC SHREDDING AND GRINDING
    - 4.2.2.2. MECHANICAL DEVULCANIZATION
  - 4.2.3. THERMAL TREATMENT TECHNOLOGIES
    - 4.2.3.1. PYROLYSIS PROCESS
    - 4.2.3.2. GASIFICATION PROCESS
    - 4.2.3.3. DEVULCANIZATION PROCESS
- 4.3. KEY MARKET TRENDS
  - 4.3.1. RECYCLING - RUBBER CRUMB POTENTIAL
  - 4.3.2. RECOVERY - ALTERNATIVE FUELS
- 4.4. AVERAGE COMPOSITION OF END-OF-LIFE TIRE (ELT)
- 4.5. ENERGY VALORIZATION
- 4.6. LIFE CYCLE ASSESSMENT (CASE STUDY)
- 4.7. FINANCING END-OF-LIFE TIRE (ELT) MANAGEMENT
- 4.8. PORTER'S FIVE FORCES ANALYSIS
  - 4.8.1. BUYERS POWER
  - 4.8.2. SUPPLIERS POWER
  - 4.8.3. SUBSTITUTION
  - 4.8.4. NEW ENTRANTS
  - 4.8.5. INDUSTRY RIVALRY
- 4.9. NUMBER OF COLLECTED USED TIRES - UNITED STATES
- 4.10. MARKET MATURITY ANALYSIS
- 4.11. MARKET CONCENTRATION ANALYSIS
- 4.12. END-OF-LIFE TIRE (ELT) MANAGEMENT REGULATIONS, LEGISLATIONS, AND POLICIES
- 4.13. PATENT REVIEW
- 4.14. VALUE CHAIN ANALYSIS
  - 4.14.1. FARM INPUT COMPANIES
  - 4.14.2. ANALYZING FARMERS AND FARMING COMPANIES
  - 4.14.3. ANALYSING COLLECTOR AND PROCESSOR
  - 4.14.4. IMPORTERS
  - 4.14.5. ANALYZING END-USERS
- 4.15. NORTH AMERICA TIRE PRODUCTION, 2011-2020
- 4.16. NATURAL RUBBER TRADE ANALYSIS, 2021

- 5. MARKET BY TREATMENT TECHNOLOGY
  - 5.1. RUBBER REMEDIATION
  - 5.2. SCRAP TIRE TREATMENT
- 6. MARKET BY RUBBER REMEDIATION APPLICATION
  - 6.1. TIRE-DERIVED FUEL (TDF)
    - 6.1.1. CEMENT
    - 6.1.2. INDUSTRIAL UTILITIES
    - 6.1.3. ELECTRICAL UTILITIES
    - 6.1.4. PULP & PAPER

6.2. GROUND RUBBER  
6.2.1. MOLDED & EXTRUDED PRODUCTS  
6.2.2. ATHLETIC & RECREATIONAL APPLICATIONS  
6.2.3. RUBBER-MODIFIED ASPHALT  
6.2.4. ANIMAL BEDDING  
6.3. CIVIL ENGINEERING  
6.3.1. TDA AS DRAINAGE AGGREGATE  
6.3.2. TDA AS LIGHTWEIGHT FILL  
6.4. OTHER RUBBER REMEDIATION APPLICATIONS  
6.4.1. CUT, PUNCHED & STAMPED PRODUCTS  
6.4.2. AGRICULTURAL & MISCELLANEOUS APPLICATIONS  
7. MARKET BY SCRAP TIRE TREATMENT TECHNOLOGY  
7.1. MECHANICAL TECHNOLOGY  
7.2. THERMAL TECHNOLOGY  
7.3. CRYOGENIC TECHNOLOGY  
8. GEOGRAPHICAL ANALYSIS  
8.1. NORTH AMERICA  
8.1.1. MARKET SIZE & ESTIMATES  
8.1.2. NORTH AMERICA END-OF-LIFE TIRE (ELT) MANAGEMENT MARKET DRIVERS  
8.1.3. NORTH AMERICA END-OF-LIFE TIRE (ELT) MANAGEMENT MARKET CHALLENGES  
8.1.4. NORTH AMERICA END-OF-LIFE TIRE (ELT) MANAGEMENT MARKET REGULATORY FRAMEWORK  
8.1.5. KEY PLAYERS IN NORTH AMERICA END-OF-LIFE TIRE (ELT) MANAGEMENT MARKET  
8.1.6. COUNTRY ANALYSIS  
8.1.6.1. UNITED STATES  
8.1.6.1.1. UNITED STATES END-OF-LIFE TIRE (ELT) MANAGEMENT MARKET SIZE & OPPORTUNITIES  
8.1.6.2. CANADA  
8.1.6.2.1. CANADA END-OF-LIFE TIRE (ELT) MANAGEMENT MARKET SIZE & OPPORTUNITIES  
9. COMPETITIVE LANDSCAPE  
9.1. KEY STRATEGIC DEVELOPMENTS  
9.1.1. MERGERS & ACQUISITIONS  
9.1.2. PRODUCT LAUNCHES & DEVELOPMENTS  
9.1.3. PARTNERSHIPS & AGREEMENTS  
9.1.4. BUSINESS EXPANSIONS & DIVESTITURES  
9.2. COMPANY PROFILES  
9.2.1. AMANDUS KAHL GMBH & CO KG  
9.2.1.1. COMPANY OVERVIEW  
9.2.1.2. PRODUCTS / SERVICES LIST  
9.2.1.3. STRENGTHS & CHALLENGES  
9.2.2. CONICA AG  
9.2.2.1. COMPANY OVERVIEW  
9.2.2.2. PRODUCTS / SERVICES LIST  
9.2.2.3. STRENGTHS & CHALLENGES  
9.2.3. CREDENTIAL ENVIRONMENTAL LIMITED  
9.2.3.1. COMPANY OVERVIEW  
9.2.3.2. PRODUCTS / SERVICES LIST  
9.2.3.3. STRENGTHS & CHALLENGES  
9.2.4. DENKA COMPANY LIMITED

9.2.4.1. COMPANY OVERVIEW  
9.2.4.2. PRODUCTS / SERVICES LIST  
9.2.4.3. STRENGTHS & CHALLENGES  
9.2.5. GENAN A/S  
9.2.5.1. COMPANY OVERVIEW  
9.2.5.2. PRODUCTS / SERVICES LIST  
9.2.5.3. STRENGTHS & CHALLENGES  
9.2.6. GEOTECH INTERNATIONAL BV  
9.2.6.1. COMPANY OVERVIEW  
9.2.6.2. PRODUCTS / SERVICES LIST  
9.2.6.3. STRENGTHS & CHALLENGES  
9.2.7. KLEAN INDUSTRIES INC  
9.2.7.1. COMPANY OVERVIEW  
9.2.7.2. PRODUCTS / SERVICES LIST  
9.2.7.3. STRENGTHS & CHALLENGES  
9.2.8. LEHIGH TECHNOLOGIES INC  
9.2.8.1. COMPANY OVERVIEW  
9.2.8.2. PRODUCTS / SERVICES LIST  
9.2.8.3. STRENGTHS & CHALLENGES  
9.2.9. PCBL LIMITED  
9.2.9.1. COMPANY OVERVIEW  
9.2.9.2. PRODUCTS / SERVICES LIST  
9.2.9.3. STRENGTHS & CHALLENGES  
9.2.10. SCANDINAVIAN ENVIRO SYSTEMS AB  
9.2.10.1. COMPANY OVERVIEW  
9.2.10.2. PRODUCTS / SERVICES LIST  
9.2.10.3. STRENGTHS & CHALLENGES

## **North America End-Of-Life Tire (ElT) Management Market Forecast 2023-2032**

Market Report | 2023-04-17 | 149 pages | Inkwood Research

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

### **ORDER FORM:**

Select license	License	Price
	Single User Price	\$1250.00
	Global Site License	\$1500.00
		\$2000.00
		VAT
		Total

\*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

\*\* VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-02-17"/>
		Signature	<input type="text"/>

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

[www.scotts-international.com](http://www.scotts-international.com)