

Global Sustainable Tire Materials Market Size Study, by Type of Material (Rubber, Sustainable Carbon Black, Silica, Others), by Propulsion Type (Internal Combustion Engine Vehicles, Electric Vehicles), by Vehicle Type (Passenger Vehicles, Commercial Vehicles), by Tire Structure (Radial, Bias), by Sales Channel (OEMs, Aftermarket) and Regional Forecasts 2022-2032

<https://marketpublishers.com/r/G8DE1D3FA1A8EN.html>

Date: July 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G8DE1D3FA1A8EN

Abstracts

The Global Sustainable Tire Materials market is projected to reach USD 46.38 million by 2032 from USD 34.9 million in 2023, growing at a CAGR of 32.88% during the forecast period 2024-2032. Sustainable tire materials are eco-friendly alternatives to traditional tire components, aimed at reducing environmental impact. These materials often include natural rubber sourced from responsibly managed plantations, silica derived from rice husk ash, vegetable oils, and recycled rubber. The goal is to create tires that maintain performance standards while minimizing resource depletion, greenhouse gas emissions, and waste. Using sustainable materials helps improve the overall lifecycle of tires, from production and use to disposal, contributing to a more sustainable automotive industry.

The growth trajectory is anticipated to be driven by the escalating demand for sustainable tires and the increasing integration of sustainable materials in the manufacturing processes for both passenger and commercial vehicle tires. Global Sustainable Tire Materials Market is at the forefront of innovative solutions designed to reduce the environmental footprint of tire manufacturing. The term "sustainable tire material" encompasses recycled, renewable, and bio-based materials that contribute to reducing resource consumption and emissions. These materials include natural rubber,

recycled rubber, sustainable carbon black, silica, recycled cord, vegetable oils, and eco-friendly chemicals. The ongoing research aimed at launching new sustainable tire materials underscores the market's potential.

The market's growth is significantly influenced by stringent carbon emission regulations. The Paris Agreement and commitments by countries like the EU, India, and the US to achieve net-zero carbon emissions by specific deadlines are key drivers. Recycling initiatives and circular economy strategies, such as the EU's Circular Economy Action Plan (CEAP), further support the market by reducing greenhouse gas emissions and conserving natural resources. However, the volatility in tire prices made from sustainable materials poses a challenge. Factors like raw material availability, import/export duties, and manufacturing costs affect the pricing. Nevertheless, ongoing R&D efforts are expected to reduce these costs over the forecast period.

There are numerous opportunities for tire manufacturers to introduce new sustainable materials. Innovations such as bio-based silica and recycled tire carbon black are paving the way for more cost-effective and environmentally friendly tires. The market is still in its growth phase, with significant contributions from companies like Continental AG, Michelin, and The Goodyear Tire and Rubber Company.

Europe currently dominates the market due to its substantial production and consumption of natural and recycled rubber for tire manufacturing. Leading manufacturers are increasing their production of sustainable tires to meet the growing demand in the region. Whereas, the market in Asia Pacific is anticipated to grow at the fastest rate over the forecast period.

Major market players included in this report are:

Evonik Industries AG

Solvay

PPG Industries, Inc.

LDC-KOREA CO., LTD.

CONTEC

Black Bear Carbon B.V.

GRP LTD.

SNR Reclamations Pvt. Ltd.

Genan Holding A/S

Lehigh Technologies

The Goodyear Tire & Rubber Company

Michelin

Bridgestone Corporation

Nokian Tyres plc

Continental AG

The detailed segments and sub-segment of the market are explained below:

By Type of Material:

- Rubber
- Sustainable Carbon Black
- Silica
- Others

By Propulsion Type:

- Internal Combustion Engine Vehicles
- Electric Vehicles

By Vehicle Type:

- Passenger Vehicles
- Commercial Vehicles

By Tire Structure:

- Radial
- Bias

By Sales Channel:

- OEMs
- Aftermarket

By Region:

- North America
- U.S.
- Canada
- Europe
- UK
- Germany
- France
- Spain
- Italy
- ROE
- Asia Pacific
- China
- India
- Japan
- Australia
- South Korea
- RoAPAC
- Latin America
- Brazil
- Mexico

- Middle East & Africa
- Saudi Arabia
- South Africa
- RoMEA

Years considered for the study are as follows:

- Historical year – 2022
- Base year – 2023
- Forecast period – 2024 to 2032

Key Takeaways:

- Market Estimates & Forecast for 10 years from 2022 to 2032.
- Annualized revenues and regional level analysis for each market segment.
- Detailed analysis of geographical landscape with Country level analysis of major regions.
- Competitive landscape with information on major players in the market.
- Analysis of key business strategies and recommendations on future market approach.
- Analysis of competitive structure of the market.
- Demand side and supply side analysis of the market.

Contents

CHAPTER 1. GLOBAL SUSTAINABLE TIRE MATERIALS MARKET EXECUTIVE SUMMARY

- 1.1. Global Sustainable Tire Materials Market Size & Forecast (2022-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
 - 1.3.1. By Type of Material
 - 1.3.2. By Propulsion Type
 - 1.3.3. By Vehicle Type
 - 1.3.4. By Tire Structure
 - 1.3.5. By Sales Channel
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

CHAPTER 2. GLOBAL SUSTAINABLE TIRE MATERIALS MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
 - 2.3.1. Inclusion & Exclusion
 - 2.3.2. Limitations
 - 2.3.3. Supply Side Analysis
 - 2.3.3.1. Availability
 - 2.3.3.2. Infrastructure
 - 2.3.3.3. Regulatory Environment
 - 2.3.3.4. Market Competition
 - 2.3.3.5. Economic Viability (Consumer's Perspective)
 - 2.3.4. Demand Side Analysis
 - 2.3.4.1. Regulatory frameworks
 - 2.3.4.2. Technological Advancements
 - 2.3.4.3. Environmental Considerations
 - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

CHAPTER 3. GLOBAL SUSTAINABLE TIRE MATERIALS MARKET DYNAMICS

3.1. Market Drivers

3.1.1. Stringent Regulations and Carbon Neutrality Targets

3.1.2. Rising Demand for Sustainable Tires

3.2. Market Challenges

3.2.1. Volatility of Tire Prices Made from Sustainable Tire Materials

3.3. Market Opportunities

3.3.1. Growing Demand for New Sustainable Tire Materials

CHAPTER 4. GLOBAL SUSTAINABLE TIRE MATERIALS MARKET INDUSTRY ANALYSIS

4.1. Porter's 5 Force Model

4.1.1. Bargaining Power of Suppliers

4.1.2. Bargaining Power of Buyers

4.1.3. Threat of New Entrants

4.1.4. Threat of Substitutes

4.1.5. Competitive Rivalry

4.1.6. Futuristic Approach to Porter's 5 Force Model

4.1.7. Porter's 5 Force Impact Analysis

4.2. PESTEL Analysis

4.2.1. Political

4.2.2. Economical

4.2.3. Social

4.2.4. Technological

4.2.5. Environmental

4.2.6. Legal

4.3. Top Investment Opportunity

4.4. Top Winning Strategies

4.5. Disruptive Trends

4.6. Industry Expert Perspective

4.7. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL SUSTAINABLE TIRE MATERIALS MARKET SIZE & FORECASTS BY TYPE OF MATERIAL 2022-2032

5.1. Segment Dashboard

5.2. Global Sustainable Tire Materials Market: Type of Material Revenue Trend Analysis, 2022 & 2032 (USD Million)

- 5.2.1. Rubber
- 5.2.2. Sustainable Carbon Black
- 5.2.3. Silica
- 5.2.4. Others

CHAPTER 6. GLOBAL SUSTAINABLE TIRE MATERIALS MARKET SIZE & FORECASTS BY PROPULSION TYPE 2022-2032

6.1. Segment Dashboard

6.2. Global Sustainable Tire Materials Market: Propulsion Type Revenue Trend Analysis, 2022 & 2032 (USD Million)

- 6.2.1. Internal Combustion Engine Vehicles
- 6.2.2. Electric Vehicles

CHAPTER 7. GLOBAL SUSTAINABLE TIRE MATERIALS MARKET SIZE & FORECASTS BY VEHICLE TYPE 2022-2032

7.1. Segment Dashboard

7.2. Global Sustainable Tire Materials Market: Vehicle Type Revenue Trend Analysis, 2022 & 2032 (USD Million)

- 7.2.1. Passenger Vehicles
- 7.2.2. Commercial Vehicles

CHAPTER 8. GLOBAL SUSTAINABLE TIRE MATERIALS MARKET SIZE & FORECASTS BY TIRE STRUCTURE 2022-2032

8.1. Segment Dashboard

8.2. Global Sustainable Tire Materials Market: Tire Structure Revenue Trend Analysis, 2022 & 2032 (USD Million)

- 8.2.1. Radial
- 8.2.2. Bias

CHAPTER 9. GLOBAL SUSTAINABLE TIRE MATERIALS MARKET SIZE & FORECASTS BY SALES CHANNEL 2022-2032

9.1. Segment Dashboard

9.2. Global Sustainable Tire Materials Market: Sales Channel Revenue Trend Analysis,

2022 & 2032 (USD Million)

9.2.1. OEMs

9.2.2. Aftermarket

CHAPTER 10. GLOBAL SUSTAINABLE TIRE MATERIALS MARKET SIZE & FORECASTS BY REGION 2022-2032

10.1. North America Sustainable Tire Materials Market

10.1.1. U.S. Sustainable Tire Materials Market

10.1.1.1. Type of Material breakdown size & forecasts, 2022-2032

10.1.1.2. Propulsion Type breakdown size & forecasts, 2022-2032

10.1.1.3. Vehicle Type breakdown size & forecasts, 2022-2032

10.1.1.4. Tire Structure breakdown size & forecasts, 2022-2032

10.1.1.5. Sales Channel breakdown size & forecasts, 2022-2032

10.1.2. Canada Sustainable Tire Materials Market

10.2. Europe Sustainable Tire Materials Market

10.2.1. U.K. Sustainable Tire Materials Market

10.2.2. Germany Sustainable Tire Materials Market

10.2.3. France Sustainable Tire Materials Market

10.2.4. Spain Sustainable Tire Materials Market

10.2.5. Italy Sustainable Tire Materials Market

10.2.6. Rest of Europe Sustainable Tire Materials Market

10.3. Asia-Pacific Sustainable Tire Materials Market

10.3.1. China Sustainable Tire Materials Market

10.3.2. India Sustainable Tire Materials Market

10.3.3. Japan Sustainable Tire Materials Market

10.3.4. Australia Sustainable Tire Materials Market

10.3.5. South Korea Sustainable Tire Materials Market

10.3.6. Rest of Asia Pacific Sustainable Tire Materials Market

10.4. Latin America Sustainable Tire Materials Market

10.4.1. Brazil Sustainable Tire Materials Market

10.4.2. Mexico Sustainable Tire Materials Market

10.4.3. Rest of Latin America Sustainable Tire Materials Market

10.5. Middle East & Africa Sustainable Tire Materials Market

10.5.1. Saudi Arabia Sustainable Tire Materials Market

10.5.2. South Africa Sustainable Tire Materials Market

10.5.3. Rest of Middle East & Africa Sustainable Tire Materials Market

CHAPTER 11. COMPETITIVE INTELLIGENCE

11.1. Key Company SWOT Analysis

11.1.1. Company

11.1.2. Company

11.1.3. Company

11.2. Top Market Strategies

11.3. Company Profiles

11.3.1. Evonik Industries AG

11.3.1.1. Key Information

11.3.1.2. Overview

11.3.1.3. Financial (Subject to Data Availability)

11.3.1.4. Product Summary

11.3.1.5. Market Strategies

11.3.2. Solvay

11.3.3. PPG Industries, Inc.

11.3.4. LDC-KOREA CO., LTD.

11.3.5. CONTEC

11.3.6. Black Bear Carbon B.V.

11.3.7. GRP LTD.

11.3.8. SNR Reclamations Pvt. Ltd.

11.3.9. Genan Holding A/S

11.3.10. Lehigh Technologies

11.3.11. The Goodyear Tire & Rubber Company

11.3.12. Michelin

11.3.13. Bridgestone Corporation

11.3.14. Nokian Tyres plc

11.3.15. Continental AG

CHAPTER 12. RESEARCH PROCESS

12.1. Research Process

12.1.1. Data Mining

12.1.2. Analysis

12.1.3. Market Estimation

12.1.4. Validation

12.1.5. Publishing

12.2. Research Attributes

List Of Tables

LIST OF TABLES

- TABLE 1. Global Sustainable Tire Materials market, report scope
- TABLE 2. Global Sustainable Tire Materials market estimates & forecasts by Region 2022-2032 (USD Million)
- TABLE 3. Global Sustainable Tire Materials market estimates & forecasts by Type of Material 2022-2032 (USD Million)
- TABLE 4. Global Sustainable Tire Materials market estimates & forecasts by Propulsion Type 2022-2032 (USD Million)
- TABLE 5. Global Sustainable Tire Materials market estimates & forecasts by Vehicle Type 2022-2032 (USD Million)
- TABLE 6. Global Sustainable Tire Materials market estimates & forecasts by Tire Structure 2022-2032 (USD Million)
- TABLE 7. Global Sustainable Tire Materials market estimates & forecasts by Sales Channel 2022-2032 (USD Million)
- TABLE 8. U.S. Sustainable Tire Materials market estimates & forecasts, 2022-2032 (USD Million)
- TABLE 9. U.S. Sustainable Tire Materials market estimates & forecasts by Type of Material 2022-2032 (USD Million)
- TABLE 10. U.S. Sustainable Tire Materials market estimates & forecasts by Propulsion Type 2022-2032 (USD Million)
- TABLE 11. U.S. Sustainable Tire Materials market estimates & forecasts by Vehicle Type 2022-2032 (USD Million)
- TABLE 12. U.S. Sustainable Tire Materials market estimates & forecasts by Tire Structure 2022-2032 (USD Million)
- TABLE 13. U.S. Sustainable Tire Materials market estimates & forecasts by Sales Channel 2022-2032 (USD Million)
- TABLE 14. Canada Sustainable Tire Materials market estimates & forecasts, 2022-2032 (USD Million)
- TABLE 15. Canada Sustainable Tire Materials market estimates & forecasts by Type of Material 2022-2032 (USD Million)
- TABLE 16. Canada Sustainable Tire Materials market estimates & forecasts by Propulsion Type 2022-2032 (USD Million)
- TABLE 17. Canada Sustainable Tire Materials market estimates & forecasts by Vehicle Type 2022-2032 (USD Million)
- TABLE 18. Canada Sustainable Tire Materials market estimates & forecasts by Tire Structure 2022-2032 (USD Million)

TABLE 19. Canada Sustainable Tire Materials market estimates & forecasts by Sales Channel 2022-2032 (USD Million)

.....

This list is not complete, the final report does contain more than 100 tables. The list may be updated in the final deliverable.

List Of Figures

LIST OF FIGURES

- FIG 1. Global Sustainable Tire Materials market, research methodology
- FIG 2. Global Sustainable Tire Materials market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods.
- FIG 4. Global Sustainable Tire Materials market, key trends 2023
- FIG 5. Global Sustainable Tire Materials market, growth prospects 2022-2032
- FIG 6. Global Sustainable Tire Materials market, porters 5 force model
- FIG 7. Global Sustainable Tire Materials market, PESTEL analysis
- FIG 8. Global Sustainable Tire Materials market, value chain analysis
- FIG 9. Global Sustainable Tire Materials market by Type of Material, 2022 & 2032 (USD Million)
- FIG 10. Global Sustainable Tire Materials market by Propulsion Type, 2022 & 2032 (USD Million)
- FIG 11. Global Sustainable Tire Materials market by Vehicle Type, 2022 & 2032 (USD Million)
- FIG 12. Global Sustainable Tire Materials market by Tire Structure, 2022 & 2032 (USD Million)
- FIG 13. Global Sustainable Tire Materials market by Sales Channel, 2022 & 2032 (USD Million)
- FIG 14. Global Sustainable Tire Materials market, regional snapshot 2022 & 2032
- FIG 15. North America Sustainable Tire Materials market 2022 & 2032 (USD Million)
- FIG 16. Europe Sustainable Tire Materials market 2022 & 2032 (USD Million)
- FIG 17. Asia Pacific Sustainable Tire Materials market 2022 & 2032 (USD Million)
- FIG 18. Latin America Sustainable Tire Materials market 2022 & 2032 (USD Million)
- FIG 19. Middle East & Africa Sustainable Tire Materials market 2022 & 2032 (USD Million)
- FIG 20. Global Sustainable Tire Materials market, company market share analysis (2023)

.....

This list is not complete, the final report does contain more than 50 figures. The list may be updated in the final deliverable.

I would like to order

Product name: Global Sustainable Tire Materials Market Size Study, by Type of Material (Rubber, Sustainable Carbon Black, Silica, Others), by Propulsion Type (Internal Combustion Engine Vehicles, Electric Vehicles), by Vehicle Type (Passenger Vehicles, Commercial Vehicles), by Tire Structure (Radial, Bias), by Sales Channel (OEMs, Aftermarket) and Regional Forecasts 2022-2032

Product link: <https://marketpublishers.com/r/G8DE1D3FA1A8EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G8DE1D3FA1A8EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:

Last name:

Email:

Company:

Address:

City:

Zip code:

Country:

Tel:

Fax:

Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970