

# Global Recycled Materials for Mobility Applications Market Size study & Forecast, by Material Type, Vehicle Type, Component, Application and Regional Forecasts 2025–2035

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## Abstracts

The Global Recycled Materials for Mobility Applications Market is valued approximately at USD 2.95 billion in 2024 and is anticipated to grow with a healthy CAGR of 8.60% over the forecast period 2025–2035. In a world increasingly shaped by climate urgency, industrial circularity is no longer a choice but a necessity. At the epicenter of this transformation lies the mobility sector—rapidly moving away from traditional manufacturing processes and embracing sustainability through the use of recycled materials. Recycled polymers, composites, and metals are becoming critical to reducing waste and energy usage across automotive production. Automakers are deploying these materials across vehicle components like dashboards, door panels, underbody shields, and even structural parts to align with carbon-neutral goals and regulatory compliance. The shift is powered by innovative material engineering, streamlined waste recovery systems, and a growing demand for eco-conscious mobility solutions.

The escalating emphasis on net-zero emission targets, combined with surging end-user demand for green vehicles, has galvanized investment across OEMs and aftermarket suppliers alike. Recycled plastics, once limited to non-structural parts, are now being engineered to meet the performance standards of traditional virgin materials. According to recent trends, recycled polypropylene (rPP) and polyethylene terephthalate (rPET) are witnessing wider adoption due to their cost-effectiveness and lightweight properties. Furthermore, closed-loop recycling initiatives from giants such as Ford and BMW are reshaping how scrap and end-of-life vehicle components are repurposed back into new models. As automotive innovation converges with sustainable materials science, the market for recycled inputs is shifting from niche to necessity—ushering in a more circular

automotive manufacturing paradigm.

Regionally, North America continues to lead the charge, supported by a robust regulatory framework, well-established recycling infrastructure, and active collaboration between automotive and material companies. Europe remains an influential force, driven by stringent EU directives on waste reduction and producer responsibility mandates. Germany, France, and the Nordic countries have emerged as early adopters, pushing for zero-landfill targets. Meanwhile, Asia Pacific is set to experience the fastest growth, with nations like China and India boosting domestic recycling capabilities and tightening environmental laws. Regional policies, coupled with the presence of EV manufacturing clusters, are catalyzing the use of recycled content in vehicle platforms—setting the tone for a competitive and green automotive future.

Major market player included in this report are:

BASF SE

Croda International Plc.

Baker Hughes Company

Halliburton Company

Chevron Phillips Chemical Company

Trican Well Service Ltd.

Aubin Group

Schlumberger Limited

M&D Industries Of Louisiana, Inc.

Impact Fluid Solutions

SABIC

Covestro AG

LyondellBasell Industries N.V.

Veolia Environnement S.A.

DSM Engineering Materials

Global Recycled Materials for Mobility Applications Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period – 2025–2035

Report Coverage – Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope – North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope – Free report customization (equivalent up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players.

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

By Material Type:

Polymer Materials

Composites

By Vehicle Type:

Passenger Cars

Commercial Vehicles

By Component:

(Segment details to be specified as per availability)

By Application:

OEMs

Aftermarkets

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

#### Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

#### Latin America

Brazil

Mexico

#### Middle East & Africa

UAE

Saudi Arabia

South Africa

## Rest of Middle East & Africa

### Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

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.

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