

Secondary Raw Materials Marketplace Market Forecasts to 2034 – Global Analysis By Material Type (Metals, Plastics, Paper and Cardboard, Glass, Textiles, E-waste Components and Construction Aggregates), Platform Type, Service, Seller Type, Buyer Type, Transaction Model and By Geography

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Abstracts

According to Statistics MRC, the Global Secondary Raw Materials Marketplace Market is accounted for \$2.2 billion in 2026 and is expected to reach \$7.7 billion by 2034 growing at a CAGR of 16.9% during the forecast period. Secondary Raw Materials Marketplace refers to a digital or physical trading platform that facilitates the exchange of recycled, recovered, refurbished, or by-product materials generated from industrial, commercial, or post-consumer waste streams. It connects suppliers and buyers to improve material recovery, resource efficiency, and circular economy adoption. These marketplaces support transparent sourcing, quality verification, pricing discovery, and supply chain optimization, enabling the reintegration of valuable materials into production processes while reducing waste generation, raw material dependency, and environmental impact.

Market Dynamics:

Driver:

Circular economy mandates

The accelerating global transition toward circular economy models is driving substantial demand for secondary raw materials marketplaces across manufacturing sectors.

Corporate sustainability commitments require increasing the incorporation of recycled content into product supply chains. Extended producer responsibility legislation mandates minimum recycled material percentages in packaging and consumer goods. Voluntary sustainability standards and ESG reporting frameworks create transparency requirements for material sourcing. Government procurement policies increasingly prioritize products with verified recycled content. These converging pressures establish a robust foundation for sustained marketplace expansion throughout the forecast period.

Restraint:

Quality standardization gaps

The lack of universal quality standards for secondary raw materials presents a significant barrier to marketplace liquidity and buyer confidence. Variability in recycled material properties affects manufacturing process consistency and end-product performance. Limited traceability from collection through reprocessing complicates contamination risk assessment. Price volatility of secondary materials relative to virgin alternatives creates procurement uncertainty. These constraints require industry-wide certification protocols and digital verification technologies to overcome standardization hurdles.

Opportunity:

Blockchain traceability

The integration of blockchain technology with secondary materials trading presents transformative expansion opportunities for marketplace transparency and trust. Distributed ledger systems create immutable records of material origin, processing history, and quality certifications. Smart contracts automate payment settlement upon delivery verification. Digital product passports enable downstream traceability through complex supply chains. The convergence of regulatory requirements for recycled content verification and blockchain scalability creates an integrated demand for transparent marketplace infrastructure.

Threat:

Virgin material competition

The volatility of virgin raw material prices threatens the economic competitiveness of secondary materials across commodity cycles. Low oil prices reduce the cost advantage of recycled plastics relative to virgin polymer production. Global oversupply of primary metals depresses scrap metal pricing and recycler margins. Trade restrictions on waste exports fragment global secondary material flows and reduce marketplace liquidity. Market fragmentation between regional recycling standards complicates cross-border trading and quality assurance.

Covid-19 Impact:

The COVID-19 pandemic disrupted global waste collection and recycling operations, temporarily constraining secondary material supply volumes. However, the crisis heightened awareness of supply chain vulnerabilities and accelerated corporate diversification away from single-source virgin material dependencies. Remote work trends reduced office paper waste while increasing e-commerce packaging material flows. Post-pandemic, government circular economy stimulus packages prioritized recycling infrastructure investments, supporting continued development of secondary materials marketplaces and digital trading platforms.

The metals segment is expected to be the largest during the forecast period

The metals segment is expected to account for the largest market share during the forecast period, due to established recycling infrastructure and high material value supporting robust marketplace liquidity. Ferrous and non-ferrous scrap metals maintain consistent demand from steel mills and foundries globally. Standardized grading systems facilitate transparent price discovery and transaction efficiency. Industrial generators produce predictable waste metal streams that integrate smoothly into marketplace workflows. Government scrap metal regulations support legitimate trading while discouraging theft and environmental harm.

The AI-powered matching platforms segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the AI-powered matching platforms segment is predicted to witness the highest growth rate, driven by rapid advances in machine learning algorithms for supply-demand optimization. Artificial intelligence analyzes historical pricing, seasonal demand patterns, and geographic supply concentrations to recommend optimal trading opportunities. Natural language processing automates material description standardization across heterogeneous listings. Predictive analytics

forecast material availability and price movements. The scalability of cloud-based AI architectures supports rapid deployment across diverse material categories and trading volumes.

Region with largest share:

During the forecast period, the North America region is expected to hold the largest market share, due to mature recycling infrastructure and strong manufacturing demand for secondary materials. The United States leads with established scrap metal trading networks and advanced plastics recycling facilities. Canada contributes through metals mining waste recovery and paper recycling expertise. Mexico addresses growing manufacturing demand for affordable raw material inputs through cross-border marketplace integration. Leading technology providers maintain strong regional presence.

Region with highest CAGR:

Over the forecast period, the Asia Pacific region is anticipated to exhibit the highest CAGR, driven by rapid industrialization and government investment in circular economy infrastructure. China leads with massive recycling capacity and national resource utilization targets. India addresses growing manufacturing demand through the formalization of informal recycling sectors. Japan demonstrates advanced materials separation and high-purity recycling technologies. Southeast Asian nations expand waste processing capacity to serve regional manufacturing supply chains.

Key players in the market

Some of the key players in Secondary Raw Materials Marketplace Market include Recykal, Circularise B.V., Circulor Ltd., SAP SE, AM Green, Veolia Environnement S.A., SUEZ S.A., REMONDIS SE & Co. KG, Sims Limited, Stena Recycling AB, Umicore S.A., Albemarle Corporation, BASF SE, Dow Inc. and LyondellBasell Industries N.V.

Key Developments:

In May 2026, Veolia Environnement S.A. launched a blockchain-integrated secondary materials marketplace connecting European recyclers with automotive and packaging manufacturers, enabling real-time traceability of recycled plastic and metal streams.

In April 2026, Circularise B.V. expanded its digital product passport platform through partnerships with major chemical manufacturers, enabling transparent tracking of recycled polymer flows from collection through compounding.

In March 2026, SAP SE secured a major contract deploying AI-powered secondary materials procurement modules across global manufacturing supply chains, integrating recycled content sourcing with enterprise resource planning systems.

Material Types Covered:

Metals

Plastics

Paper and Cardboard

Glass

Textiles

E-waste Components

Construction Aggregates

Platform Types Covered:

B2B Digital Marketplaces

Auction Platforms

Enterprise Procurement Portals

Blockchain Traceability Platforms

AI-Powered Matching Platforms

Services Covered:

Listing and Discovery

Quality Verification and Testing

Price Indexing and Analytics

Logistics and Fulfillment

Compliance and Documentation

Trade Financing

ESG Reporting

Seller Types Covered:

Recyclers and Processors

Municipal Waste Programs

Industrial Generators

Retailers and Brands

Buyer Types Covered:

Manufacturers

Converters and Compounders

Foundries and Smelters

Paper Mills

Textile Producers

Transaction Models Covered:

Spot Trading

Long-Term Contracts

Request-for-Bid

Regions Covered:

North America

United States

Canada

Mexico

Europe

United Kingdom

Germany

France

Italy

Spain

Netherlands

Belgium

Sweden

Switzerland

Poland

Rest of Europe

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Thailand

Malaysia

Singapore

Vietnam

Rest of Asia Pacific

South America

Brazil

Argentina

Colombia

Chile

Peru

Rest of South America

Rest of the World (RoW)

Middle East

Saudi Arabia

United Arab Emirates

Qatar

Israel

Rest of Middle East

Africa

South Africa

Egypt

Morocco

Rest of Africa

What our report offers:

Market share assessments for the regional and country-level segments

Strategic recommendations for the new entrants

Covers Market data for the years 2023, 2024, 2025, 2026, 2027, 2028, 2030, 2032 and 2034

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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