

LoopNet Circular Economy Market Forecasts to 2034 – Global Analysis By Platform Type (B2B Industrial Platforms, B2C Resale Platforms, C2C Sharing Platforms, Hybrid Platforms, Asset Tracking Platforms and Material Exchange Platforms), Service Type, Application, Technology, End User and By Geography

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Abstracts

According to Statistics MRC, the Global LoopNet Circular Economy Market is accounted for \$9.8 billion in 2026 and is expected to reach \$19.8 billion by 2034 growing at a CAGR of 9.1% during the forecast period. LoopNet circular economy platforms refer to digital infrastructure and software solutions that facilitate resource circulation, waste reduction, and sustainable consumption across industrial and consumer value chains. These platforms encompass B2B industrial exchange networks, consumer resale marketplaces, sharing economy applications, and material tracking systems that enable businesses to extend product lifecycles. The technology integrates IoT sensors, blockchain traceability, artificial intelligence matching algorithms, and cloud-based transaction processing to create transparent circular material flows. Platform operators provide verification services and data analytics that support closed-loop supply chain operations.

Market Dynamics:

Driver:

Regulatory circular mandates

The global expansion of extended producer responsibility legislation and circular

economy action plans is driving substantial demand for LoopNet Circular Economy Market platforms. The European Union mandates minimum recycled content percentages in packaging through comprehensive waste framework directives. Multiple U.S. states have enacted producer responsibility laws requiring manufacturers to finance collection and recycling infrastructure. Asian governments, including China, India, and Japan, have implemented national circular economy targets and import restrictions that stimulate domestic platform adoption. These policy frameworks create legal and economic incentives for businesses to invest in digital circular infrastructure.

Restraint:

Platform interoperability gaps

The fragmentation of digital standards and the lack of interoperability between competing circular economy platforms present significant operational challenges for the LoopNet Circular Economy Market. Different platforms utilize proprietary data formats, incompatible blockchain protocols, and non-standardized product passports that prevent seamless material tracking across supply chains. Enterprise integration with existing ERP and supply chain management systems requires costly custom development. The absence of universal circular economy data standards limits network effects and prevents the formation of comprehensive circular ecosystems.

Opportunity:

Digital product passport integration

The mandatory implementation of digital product passports across the European Union and other jurisdictions presents transformative opportunities for the LoopNet Circular Economy Market. These passports require comprehensive lifecycle data, including material composition, repair instructions, and recycling pathways for products sold in regulated markets. Platform providers can capture value by offering passport generation, verification, and data management services. The integration of passport data with reverse logistics and remanufacturing workflows creates new revenue streams. Brand owner compliance requirements drive sustained demand for platform subscriptions and transaction fees.

Threat:

Traditional linear competition

The persistent cost advantages and operational simplicity of traditional linear consumption models pose a competitive threat to LoopNet's Circular Economy Market adoption. Virgin material prices driven by low-cost petrochemical production often undercut recycled and refurbished alternatives. Consumer convenience preferences favor single-use and disposable products over circular alternatives requiring return and exchange logistics. Economic downturns typically reduce sustainability spending as businesses prioritize cost reduction over environmental objectives. The entrenched infrastructure of linear supply chains creates switching costs that slow circular platform migration.

Covid-19 Impact:

The COVID-19 pandemic initially disrupted recycling collection systems and reverse logistics networks while simultaneously increasing e-commerce packaging waste and single-use consumption. Supply chain interruptions affected platform technology development and deployment schedules. However, the crisis heightened awareness of supply chain resilience and domestic manufacturing importance. Post-pandemic emphasis on circular economy self-sufficiency and reduced import dependency supports continued LoopNet Circular Economy Market investment in localized platform infrastructure and digital circular solutions.

The B2B industrial platforms segment is expected to be the largest during the forecast period

The B2B industrial platforms segment is expected to account for the largest market share during the forecast period, due to the substantial transaction volumes, high-value material exchanges, and established procurement relationships within industrial supply chains. B2B platforms dominate current circular economy activity as manufacturers seek to monetize waste streams and secure secondary raw material supplies. The lower customer acquisition costs and higher average transaction values compared to consumer platforms create superior unit economics. Enterprise sustainability mandates and supplier circularity requirements drive consistent platform engagement. Existing industrial trading relationships facilitate rapid platform adoption without requiring fundamental behavioral changes.

The product-as-a-service segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the product-as-a-service segment is expected to witness the highest growth rate, driven by a fundamental shift from ownership to access-based consumption models across both consumer and industrial sectors. Product-as-a-Service aligns manufacturer incentives with product durability and end-of-life recovery, creating natural circular economy motivation. The model reduces upfront capital expenditure for customers while generating recurring revenue streams for manufacturers. Digital platform infrastructure enables real-time asset tracking, usage-based billing, and automated maintenance scheduling. Growing corporate sustainability commitments and consumer preference for flexible access drive rapid Product-as-a-Service adoption.

Region with largest share:

During the forecast period, the North America region is expected to hold the largest market share, due to the mature digital infrastructure, high enterprise technology adoption rates, and advanced circular economy policy frameworks. The United States leads in B2B platform development with significant venture capital investment in circular technology startups. Canada implements comprehensive, extended producer responsibility programs that drive platform demand. Major technology companies headquartered in North America provide foundational cloud and AI infrastructure for circular platforms. The region's large industrial base generates substantial material exchange volumes.

Region with highest CAGR:

Over the forecast period, the Asia Pacific region is anticipated to exhibit the highest CAGR, due to rapid industrialization, massive urban waste generation, and government circular economy initiative implementation. China operates national circular economy development targets and has banned certain single-use plastic products. India implements extended producer responsibility regulations for plastic packaging and e-waste. Southeast Asian nations invest in digital waste exchange platforms to address domestic recycling challenges. The region's manufacturing dominance creates substantial demand for industrial material circularity platforms.

Key players in the market

Some of the key players in LoopNet Circular Economy Market include SAP SE, IBM Corporation, Microsoft Corporation, Oracle Corporation, Salesforce, Inc., ServiceNow, Inc., Siemens AG, Dassault Systèmes SE, PTC Inc., Circularise B.V., EcoVadis S.A.S., Rheaply, Inc., Loop Industries, Inc., ThredUp Inc., The RealReal, Inc., Fat Llama

Limited and Peerby B.V..

Key Developments:

In June 2026, SAP SE launched a next-generation circular economy platform that combines AI-driven material matching with blockchain traceability, helping industrial waste exchange networks improve resource utilization, transparency, compliance management, and cross-industry collaboration.

In May 2026, Siemens AG expanded its digital product passport solution to electronics and automotive industries, enabling real-time lifecycle tracking, enhanced regulatory compliance, improved sustainability reporting, and greater visibility across complex supply chains.

In April 2026, IBM Corporation partnered with a major European retailer to implement blockchain-based reverse logistics tracking across 500 stores, thereby strengthening product return management, supply chain transparency, operational efficiency, and sustainability performance.

Platform Types Covered:

B2B Industrial Platforms

B2C Resale Platforms

C2C Sharing Platforms

Hybrid Platforms

Asset Tracking Platforms

Material Exchange Platforms

Service Types Covered:

Product-as-a-Service

Sharing Services

Repair and Maintenance Services

Reverse Logistics Services

Resale and Recommerce Services

Remanufacturing Services

Recycling Marketplace Services

Applications Covered:

Consumer Electronics

Fashion and Apparel

Furniture

Automotive

Industrial Equipment

Packaging

Construction Materials

Technologies Covered:

IoT and Smart Tracking

Blockchain

AI and Machine Learning

Cloud Platforms

Mobile Applications

Digital Product Passports

End Users Covered:

Enterprises

SMEs

Consumers

Municipalities

Logistics Providers

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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