

Circular Design Market Forecasts to 2032 – Global Analysis By Design Domains (Product Design, Service Design and Built Environment Design), Circular Design Strategies, Stakeholder Ecosystem, Enabling Capabilities, Application and By Geography

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Abstracts

According to Statistics MRC, the Global Circular Design Market is accounted for \$72.28 billion in 2025 and is expected to reach \$172.18 billion by 2032 growing at a CAGR of 13.2% during the forecast period. Circular design is a forward-thinking methodology that aims to develop products, systems, and services in a way that is restorative and sustainable. Moving away from the conventional linear model of take, make, and discard, it prioritizes efficient use of resources, durability, and repeated use. Designers are encouraged to evaluate every stage of a product's life, including sourcing, manufacturing, usage, and end-of-life recovery. Incorporating strategies like modular construction, repairability, and recyclability, circular design reduces waste and ecological harm. Beyond environmental benefits, it promotes economic advantages by extending product lifespan, lowering raw material needs, and supporting a circular economy that creates value for businesses and communities alike.

According to the United Nations Environment Programme (UNEP), circular design principles are critical to achieving SDG 12. UNEP's reports on sustainable infrastructure and product systems emphasize that design-stage decisions determine up to 80% of a product's lifecycle emissions and waste generation.

Market Dynamics:

Driver:

Increasing environmental awareness

Rising concern for environmental issues among consumers, corporations, and policymakers strongly fuels the growth of the circular design market. Awareness of climate change, limited natural resources, and waste challenges drives companies to implement sustainable design strategies. By applying circular design, businesses minimize ecological impact, improve their reputation, and meet regulatory requirements. Eco-conscious consumers increasingly seek products that are recyclable, modular, and repairable, pushing innovation in sustainable offerings. Additionally, governments worldwide support circular economy initiatives, grants, and regulations to encourage sustainable practices. The combined influence of consumer preference, corporate accountability, and legislative encouragement propels the widespread adoption of circular design solutions across industries.

Restraint:

High initial investment costs

A significant challenge hindering the circular design market is the substantial upfront investment needed for implementation. Creating products that are durable, repairable, and recyclable often requires advanced materials, innovative production techniques, and specialized technology, raising manufacturing costs. Small and medium-sized enterprises may struggle to afford these expenses, limiting their involvement. Moreover, research, prototyping, and employee training add to the initial financial burden. Despite long-term advantages such as improved resource efficiency and waste reduction, high capital requirements deter widespread adoption. Consequently, the market experiences slower growth as companies weigh the cost against potential benefits, restricting the overall penetration of circular design practices in various sectors.

Opportunity:

Growing adoption of circular economy practices

The increasing emphasis on circular economy initiatives worldwide provides substantial opportunities for the circular design market. Policymakers, industries, and environmental organizations are advocating sustainable production and responsible consumption, prompting companies to integrate circular design principles. This encourages the creation of products that are durable, repairable, and recyclable, leading to new market prospects and revenue avenues. Investments in infrastructure,

including recycling plants and material recovery technologies, further enhance growth potential. By embracing circular economy approaches, businesses can strengthen brand image, ensure regulatory compliance, and satisfy the rising demand for sustainable products. This momentum toward circular practices fuels innovation and promotes sustainable expansion in the global market.

Threat:

Intense market competition

The circular design market faces threats from fierce competition within the global manufacturing and design landscape. Companies implementing circular strategies often compete against traditional manufacturers that benefit from lower costs linked to linear production methods. This pricing advantage may reduce the competitiveness of circular-designed products, restricting their market reach. Additionally, rapid technological and product innovations by competitors can surpass firms adopting circular approaches, challenging smaller businesses and new entrants. The increasing number of organizations embracing sustainable design further heightens competitive intensity, demanding constant innovation, marketing, and strategic positioning. These competitive pressures can slow growth, limit adoption, and affect profitability within the circular design industry.

Covid-19 Impact:

The COVID-19 outbreak had a notable impact on the circular design market, disrupting manufacturing, supply chains, and consumer behavior worldwide. Lockdowns, transportation restrictions, and operational slowdowns delayed production and complicated the procurement of sustainable materials. During the crisis, many companies prioritized short-term survival over circular economy projects, reducing investment in eco-design. Conversely, the pandemic increased awareness of sustainability, resource conservation, and resilient product strategies, prompting businesses to reconsider product lifecycles and adopt circular approaches. In the post-pandemic period, there is growing emphasis on sustainable, cost-effective, and adaptable solutions, making circular design an essential strategy. COVID-19 temporarily restrained growth but underscored the long-term importance of circular practices for business resilience and environmental sustainability.

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

The recycling segment is expected to account for the largest market share during the forecast period due to its essential role in promoting sustainability and reducing environmental waste. Organizations increasingly adopt designs that facilitate material recovery and reprocessing, ensuring products can be transformed into new items at the end of their lifecycle. Recycling reduces reliance on virgin resources, minimizes ecological impact, and supports longer product lifespans. By integrating recyclable materials and processes, companies meet consumer demand for eco-friendly products while adhering to environmental regulations. The focus on recycling drives innovation in modular designs, waste management solutions, and resource efficiency, establishing it as a cornerstone of circular design practices across various sectors globally.

The circular business models segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the circular business models segment is predicted to witness the highest growth rate, fueled by the rising implementation of sustainable and forward-thinking business strategies. Companies are moving away from conventional linear models toward circular approaches such as product-as-a-service, sharing systems, and closed-loop supply networks. These models enable better resource utilization, waste reduction, and generation of recurring revenue. Increased consumer interest in eco-friendly products, combined with supportive regulations, further drives this trend. By promoting cross-industry collaboration, design innovation, and long-term sustainability, circular business models are emerging as the fastest-growing segment, highlighting their crucial role in advancing the global circular design market.

Region with largest share:

During the forecast period, the Europe region is expected to hold the largest market share due to its robust regulations, advanced technological capabilities, and strong consumer preference for sustainable solutions. EU initiatives, including the Circular Economy Action Plan, drive companies to integrate circular practices such as eco-friendly production, recyclable materials, and waste reduction strategies. Businesses are increasingly investing in R&D to enhance product longevity, modularity, and recyclability, supporting innovation in circular design. Consumer demand for sustainable products along with governmental incentives and policy support, further fuels growth in the region. With its stringent environmental standards and active collaboration between industries, Europe maintains a leading position, representing the largest share of the global circular design market.

Region with highest CAGR:

Over the forecast period, the Asia Pacific region is anticipated to exhibit the highest CAGR, fueled by rapid industrial development, increasing environmental consciousness, and proactive government sustainability programs. Nations in this region are enhancing circular economy infrastructure, such as recycling plants, sustainable material procurement, and reverse logistics networks. Growing consumer preference for environmentally responsible products, coupled with corporate commitments to sustainability, is driving the adoption of circular practices. Technological innovation and partnerships among businesses, academia, and government bodies further promote circular design solutions. With supportive policies, expanding industrial capacity, and an emphasis on resource efficiency, Asia-Pacific is set to emerge as the fastest-growing region in the global circular design landscape.

Key players in the market

Some of the key players in Circular Design Market include Patagonia, IKEA, Unilever, Schneider Electric, DyeCoo, Accenture, H&M, Loop Industries, Adidas AG, PepsiCo, Inc., Procter & Gamble (P&G), The Coca-Cola Company, BASF SE, HP Development Company, L.P. and Rolls-Royce.

Key Developments:

In September 2025, IKEA India has signed a nine-year lease agreement for a 14,471 sq. ft. space at Pacific Mall in Delhi. The initial monthly rent is ₹30.00 lakh with structured increases. This move is part of IKEA's hybrid retail strategy, combining large standalone stores with smaller mall-format outlets to enhance accessibility in the Indian market. The agreement includes a 135-day rent-free fit-out period and an 8-month lock-in period for the licensee.

In September 2025, Schneider Electric has entered its first major high-durability carbon removal deal, signing a multi-year agreement with Swiss-based Climeworks to remove 31,000 tons of carbon dioxide by 2039. The contract is the largest portfolio agreement Climeworks has secured to date. It positions Schneider Electric, a global leader in energy management and automation, among the early corporate adopters of technology-based removals seen as essential for achieving global net-zero targets.

In June 2025, Unilever has announced the acquisition of Dr. Squatch, a viral men's personal care brand known for its natural grooming products and bold, social media-led

marketing. The brand was previously backed by growth equity firm Summit Partners. The acquisition strengthens Unilever's presence in the premium and natural personal care space, particularly in the growing men's grooming segment.

Design Domains Covered:

Product Design

Service Design

Built Environment Design

Circular Design Strategies Covered:

Longevity

Disassembly

Recycling

Reuse

Regeneration

Sharing

Stakeholder Ecosystems Covered:

Designers & Studios

Brands & Manufacturers

Material Suppliers

Recycling & Waste Operators

Repair & Refurbishment Services

Policy & Regulatory Bodies

Enabling Capabilities Covered:

Circular Materials & Inputs

Lifecycle Assessment Tools

Reverse Logistics Systems

Circular Business Models

Certification & Standards

Education & Training Programs

Applications Covered:

Consumer Goods

Construction & Interiors

Mobility & Transport

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & 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 2024, 2025, 2026, 2028, and 2032
- 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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