+357 96 030922
info@marketpublishers.com

Textile Waste Management Market Forecasts to 2032 – Global Analysis By Waste Type (Post-Consumer Waste, Post-Industrial Waste, Pre-Consumer Waste, Unsold Goods and Non-Hazardous Technical Textiles), Material Type (Natural Fibers, Synthetic Fibers, Blended Fabrics and Cellulosic & Regenerated Fibers), Service, End User and By Geography

https://marketpublishers.com/r/TD5CAA80DD9EEN.html
Date: August 2025
Pages: 200
Price: US$ 4,150.00 (Single User License)
ID: TD5CAA80DD9EEN

Abstracts

According to Stratistics MRC, the Global Textile Waste Management Market is accounted for $11.58 billion in 2025 and is expected to reach $23.00 billion by 2032 growing at a CAGR of 10.3% during the forecast period. The methods and techniques used to minimize, recycle, and appropriately dispose of textile waste produced by homes and the fashion and textile industries are collectively referred to as textile waste management. Fast fashion has made textile waste a major environmental issue, causing landfills to overflow and pollution to rise. Reusing clothing, recycling fibers, upcycling old fabrics into new products, and encouraging sustainable production methods are all examples of effective textile waste management techniques. Additionally, reducing textile waste and its negative effects on the environment depends heavily on promoting consumer awareness and ethical buying practices.

According to the U.S. Environmental Protection Agency (EPA), in 2018 the United States generated 17 million tons of textile municipal solid waste. Of that, 11.3 million tons (? 66%) were landfilled, 3.2 million tons were incinerated (? 19%), and only 2.5 million tons (? 14.7%) were recycled.

Market Dynamics:

+357 96 030922
info@marketpublishers.com

Driver:

Fashion industry initiatives and circular economy

A circular economy model is being adopted by the textile industry in an effort to address waste, conserve resources, and lessen its impact on the environment. In order to prolong product life cycles, fashion brands are progressively implementing circular practices such as clothing rental, resale platforms, repair services, and take-back programs. A number of businesses, such as Patagonia, Levi's, and H&M, have pledged to introduce clothing return policies and increase the amount of recycled materials in their collections. Moreover, these initiatives are increasing the textile waste management sector's potential for long-term growth by not only decreasing reliance on landfills but also establishing new value chains focused on recycling and reuse.

Restraint:

Expensive advanced recycling technologies

The high initial cost of sophisticated recycling technologies is one of the largest barriers to textile waste management. Chemical recycling procedures, such as depolymerization, are more costly than conventional disposal techniques because they require sophisticated infrastructure, specialized enzymes or solvents, and a large amount of energy. Furthermore, automated sorting technologies like AI-based systems and near-infrared spectroscopy need to be deployed on a large scale and maintained by skilled workers. Adoption is constrained by these high costs in small and medium-sized businesses (SMEs) and low%-%and middle-income nations.

Opportunity:

Growth of eco-conscious consumers and circular fashion

One of the biggest opportunities in textile waste management is the move toward circular fashion. Growing environmental consciousness among consumers, particularly among younger generations, has led to a demand for sustainable products and ethical business practices from companies. As a result, upcycling brands, rental services, and resale platforms have grown in popularity. Repair services and clothing return programs are becoming more and more seen as value-added services. Moreover, businesses have a rare opportunity to build closed-loop supply chains, innovate with recyclable materials, and build collection infrastructure as consumer awareness rises. This growing

+357 96 030922
info@marketpublishers.com

preference for circularity creates new revenue streams that support brand loyalty and lessen the impact on the environment.

Threat:

Demand variability for recycled fibers

The demand and cost of recycled fibers, which frequently find it difficult to compete with less expensive virgin alternatives, particularly during recessions or times of low oil prices, have a significant impact on the textile waste management market. For instance, virgin polyester becomes more attractive, and the market for recycled polyester (rPET) contracts when oil prices fall. Additionally, manufacturers are concerned about quality due to limited availability in some areas and inconsistent performance in recycled fibers. Brands may switch back to traditional materials if they are unable to rely on reliable, high-quality supply chains for recycled inputs. The profitability and long-term investment in textile recycling infrastructure and innovation are seriously threatened by these market swings.

Covid-19 Impact:

The market for textile waste management was affected by the COVID-19 pandemic in a variety of ways, but mostly negatively. Global supply chains were upset during lockdowns, and factory closures, decreased consumer demand, and store closures caused a dramatic drop in textile production. This led to a brief decrease in the production of pre-consumer textile waste, such as production scraps. However, post-consumer textile waste—a large portion of which was non-recyclable—rose as a result of the rise in online shopping, fast fashion clearances, and disposable personal protective equipment (PPE) like masks. Workforce limitations and safety concerns also caused waste collection and recycling activities to slow down.

The post-consumer waste segment is expected to be the largest during the forecast period

The post-consumer waste segment is expected to account for the largest market share during the forecast period. Home textiles, used clothing, and other fabric-based products that customers throw away after using them are included in this category. According to the Ellen MacArthur Foundation, the rise in fast fashion, short product lifecycles, and increased consumerism has led to a massive global textile waste problem, with over 90 million tonnes produced each year. With recycling programs,

+357 96 030922
info@marketpublishers.com

secondhand markets, and take-back programs, governments and industry stakeholders are paying more attention to this market. Moreover, post-consumer waste continues to be the largest and most important segment due to its volume, environmental impact, and crucial role in completing the textile circular economy loop, despite obstacles like contamination and material complexity.

The retailers segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the retailers segment is predicted to witness the highest growth rate. The Retailers segment—which includes department stores, shops, online marketplaces, and fashion brands—is anticipated to expand at the fastest rate. The growing use of clothing return programs, circular business models (such as renting and reselling), and corporate sustainability initiatives are the main drivers of this expansion. Retailers are being forced by global Extended Producer Responsibility (EPR) laws to gather and recycle post-consumer textiles, and consumers' increasing desire for circularity is rewarding companies with strong reuse programs. Additionally, fast collection program scaling is made possible by retailers' strong logistics networks, marketing channels, and direct consumer reach.

Region with largest share:

During the forecast period, the Europe region is expected to hold the largest market share, driven by its extensive adoption of sustainable practices, sophisticated recycling infrastructure, and strict environmental regulations. With the help of robust policies like the EU Strategy for Sustainable and Circular Textiles and Extended Producer Responsibility (EPR) laws that require textile collection and recycling, the region is leading the way in circular economy initiatives. Furthermore, Europe is the most developed and dominant region in terms of market size and system efficiency because nations like Germany, France, and the Netherlands are at the forefront of developing textile sorting and recycling technologies.

Region with highest CAGR:

Over the forecast period, the Asia-Pacific region is anticipated to exhibit the highest CAGR, driven by rising environmental consciousness, growing textile production, and fast urbanization. In addition to being significant textile producers, nations like Bangladesh, Vietnam, China, and India also produce a lot of textile waste. To combat the region's growing waste problems, governments are enacting stronger environmental laws, boosting recycling expenditures, and advocating for circular economy principles.

+357 96 030922
info@marketpublishers.com

Moreover, Asia-Pacific is the region with the fastest rate of growth for organized textile waste management solutions due to factors like growing middle-class populations, rising fast fashion consumption, and local and international brands implementing sustainability frameworks.

Key players in the market

Some of the key players in Textile Waste Management Market include Infinited Fiber Company, Aquafil S.p.A., Patagonia Inc., Suez SA, TOMRA Sorting Solutions, Lenzing AG, Fabscrap Inc., Hyosung TNC Corporation, Indorama Ventures PLC, Renewcell AB, Boer Group, RETEXTIL Deutschland GmbH, Textile Recycling International, Veolia Environnement S.A., Le Relais Group, SOEX Group and Worn Again Technologies.

Key Developments:

In December 2024, Hyosung TNC Corp said it will acquire the specialty gas division of Hyosung Chemical Corp. for 920 billion won ($642 million). The textile subsidiary of Hyosung Group approved the plan at its board meeting earlier in the day. Hyosung TNC, the world’s largest spandex manufacturer, received a letter of intent for the acquisition from Hyosung Chemical and has reviewed the takeover.

In November 2024, Tomra Recycling and Redwave have announced an agreement that will see the two firms offer each other’s complementary metal sorting technologies directly to their respective customers. The alliance focuses specifically on the X-ray fluorescence (XRF) sorting devices made by Redwave and X-ray transmission (XRT) technology in which Tomra specializes.

In October 2024, Aquafil and Asahi Kasei collaborate on cellulose nanofiber and regenerated ECONYL® Polymer for 3D printing applications. The two companies agreed to develop a novel material for 3D printing (3DP) applications utilizing Aquafil’s ECONYL® Polymer chemically recycled PA6 and Asahi Kasei’s cellulose nanofiber (CNF), with the support of ITOCHU Corporation, which has made a capital investment in Aquafil.

Waste Types Covered:

Post-Consumer Waste

Post-Industrial Waste

+357 96 030922
info@marketpublishers.com

- Pre-Consumer Waste
- Unsold Goods
- Non-Hazardous Technical Textiles

Material Types Covered:

- Natural Fibers
- Synthetic Fibers
- Blended Fabrics
- Cellulosic & Regenerated Fibers

Services Covered:

- Collection & Logistics
- Sorting & Grading
- Composting
- Recycling

End Users Covered:

- Residential/Household
- Commercial & Institutional
- Industrial Manufacturing
- Textile manufacturers

+357 96 030922
info@marketpublishers.com

- Retailers
- Recyclers
- Other End Users

Regions Covered:

- North America
  - US
  - Canada
  - Mexico
- Europe
  - Germany
  - UK
  - Italy
  - France
  - Spain
  - Rest of Europe
- Asia Pacific
  - Japan
  - China
  - India

+357 96 030922
info@marketpublishers.com

- 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

+357 96 030922
info@marketpublishers.com

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

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

9 GLOBAL TEXTILE WASTE MANAGEMENT MARKET, BY GEOGRAPHY

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

($MN)
Table 39 Global Textile Waste Management Market Outlook, By Other End Users (2024-2032) ($MN)
Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Textile Waste Management Market Forecasts to 2032 – Global Analysis By Waste Type (Post-Consumer Waste, Post-Industrial Waste, Pre-Consumer Waste, Unsold Goods and Non-Hazardous Technical Textiles), Material Type (Natural Fibers, Synthetic Fibers, Blended Fabrics and Cellulosic & Regenerated Fibers), Service, End User and By Geography

Product link: https://marketpublishers.com/r/TD5CAA80DD9EEN.html

Price: US$ 4,150.00 (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/TD5CAA80DD9EEN.html