

Egypt Plastic Recycling Market, By Type (Polyethylene Terephthalate (PET), Polyethylene (PE), Polypropylene (PP), Polyvinyl Chloride (PVC), Polystyrene (PS) and Others), By Source (Bottles, Films, Fibers, Foams, and Others), By Method (Zeolites, Metals, Additives and Chemical Compounds), By End-User (Packaging, Building & Construction, Textile, Automotive, Electrical & Electronics, and Others), By Region, Competition Forecast & Opportunities, 2018-2028F

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Report description:

Egypt Plastic Recycling Market is anticipated to grow significantly in the projected period of 2028, driven by the country's increasing awareness of the negative impact of plastic waste on the environment and the economy.

The plastic recycling market in Egypt is about the high volume of plastic waste generated in the country. The Ministry of Environment estimates that Egypt produces around 20 million tons of solid waste per year, of which about 12% is plastic waste. However, only a small percentage of this plastic waste is currently being recycled, which presents a significant opportunity for growth in the recycling industry.

However, the challenges need to be addressed to fully realize the potential of the plastic recycling market in Egypt. These include issues such as the lack of infrastructure and resources for waste collection and management, along with the need for more effective policies and regulations to support the recycling industry.

Increasing Awareness of the Negative Impact of Plastic Waste is a Factor Driving the Market Growth

The increasing awareness of the negative impact of plastic waste on the environment has had a significant impact on the plastic recycling market in Egypt. As people become more aware of the negative impact of plastic waste, there is a growing demand for

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sustainable solutions, such as recycled plastic. This has led to an increase in the demand for recycled plastic products in Egypt. It is estimated that annually 4 thousand to 1 million people die due to illnesses and diseases linked to the garbage that is dumped or burnt in the open environment.

To tackle such events, the Egyptian government has launched initiatives to encourage the use of recycled plastic in various industries, such as the automotive and construction industries. In addition, to support the plastic recycling industry, the government has launched different policies that include a ban on the importation of plastic waste and incentives for the use of recycled plastic in various industries. These efforts have helped to create a more favorable environment for plastic recycling companies in Egypt. Along with government initiatives, the increasing awareness of the negative impact of plastic waste has led to the establishment of new plastic recycling companies or institutions by private players in Egypt. For example, the Egyptian government signed a memorandum of understanding with the waste management company Veolia to establish a plastic recycling plant in the country. NGOs and government organizations in Egypt are running public awareness campaigns to educate people about the importance of recycling plastic waste. This has led to an increase in the number of people who are separating their plastic waste for recycling.

The increased recycling of the plastic waste in Egypt has led to a reduction in the amount of plastic waste that ends up in landfills. This has positive environmental impacts, as plastic waste can take hundreds of years to decompose and can leach harmful chemicals into the soil and water. According to the government report, Egypt currently collects 6% of the plastic waste and recycles very less of its plastic waste but aims to increase this to 20% of total waste created by people, by 2023. Hence, all these efforts by the government, private institutions, & people are creating opportunities & propelling Egypt Plastic Recycling market growth.

The Rising Demand from Packaging Sector in Egypt is the Key Reason Driving the Market Demand

Packaging is an essential part of marketing and a factor that affects consumer perception of the products. It protects the products from damage, contamination, and spoilage during transportation and storage. The packaging sector is a major consumer of plastic due to its easy availability, lower price than the alternative, and same properties as raw plastic. Globally, the rising need and demand for sustainable development are pushing companies in this sector to use recycled plastic in their products, thereby growing the demand for recycled plastic in Egypt.

The increasing demand for recycled plastic from the packaging sector has led to the establishment of new plastic recycling companies in Egypt. These companies are investing in new technologies and processes to increase the amount of recycled plastic they can produce. For example, TileGreen factory, the Egyptian company is targeting to recycle more than 5 billion plastic bags into tiles tougher than cement extracted from the Mediterranean Sea till 2025. These initiatives help lower the presence of waste plastic in waterbodies and provide substantial alternatives to cement.

The increased use of recycled plastic in the packaging sector has a positive environmental impact, as it reduces the amount of plastic waste that ends up in landfills and natural environment. This helps to conserve natural resources, reduce greenhouse gas emissions, and protect wildlife. For example, the use of recycled plastic in packaging can reduce greenhouse gas emissions by up to 50% compared to using virgin plastic. Apart from the environmental benefits, the growing demand for recycled plastic from the packaging sector is also creating economic benefits for Egypt. The plastic recycling industry is providing new jobs and investment opportunities, and the use of recycled plastic in products can reduce the cost of raw materials for manufacturers. Therefore, the growing demand for recycled plastic from the packaging sector has had a substantial effect on the plastic recycling market in Egypt.

Favorable Government Policies and Initiatives in Egypt Pushing the Market Growth

Many countries are facing significant environmental challenges like Egypt, due to the large amounts of plastic waste produced by its citizens. However, in recent years, the government has implemented policies and initiatives aimed at reducing plastic waste and promoting plastic recycling in the country.

The key government policy driving the demand for plastic recycling in Egypt is the introduction of plastic bag ban in 2017. The ban prohibits the import, production, and distribution of plastic bags with a thickness of less than 0.025mm. This policy has had a significant impact on reducing plastic waste in the country, as plastic bags were one of the primary sources of plastic pollution. As a result, demand for plastic recycling services has increased. In addition, the government's focus on promoting a circular economy

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has contributed to the growth of the plastic recycling market in Egypt. Circular Economy is an economic model that aims to minimize waste and promote the sustainable use of resources. The Egyptian government has recognized the importance of this model and has taken steps to promote it, including the establishment of the National Solid Waste Management Programme (NSWMP). The NSWMP is responsible for developing and implementing policies aimed at promoting circular economy and reducing waste in Egypt.

The government has also implemented a range of financial incentives aimed at encouraging businesses to recycle their plastic waste. For example, the government provides tax breaks and other financial incentives to companies that invest in plastic recycling facilities or use recycled plastic in their products. This has encouraged more companies to enter the plastic recycling market and has ultimately increased demand for plastic recycling services in the country.

In addition to these policies, the Egyptian government has also taken steps to improve the infrastructure for plastic recycling. This includes investing in new recycling facilities and equipment, improving the collection and sorting of plastic waste, and promoting public awareness about the importance of plastic recycling. These efforts have contributed to the growth of the plastic recycling market in Egypt and have made it easier for businesses and individuals to recycle their plastic waste. Therefore, it is expected that the demand for recycled plastic in Egypt is going to rise due to the supportive government policy.

Recent Development

- In April 2021, the leading companies working in Egypt, including Unilever, L'Oreal, and Henkel, signed a new Charter for Recycling Plastic Waste. The charter aims to reconceptualize plastic waste as a valuable resource and promote circular economy principles. The charter also commits the signatories to collect plastic waste from their products, support recycling initiatives, raise awareness among consumers and stakeholders, and adhere to environmental standards and regulations.

Market Segmentation

Egypt Plastic Recycling market is segmented based on type, source, method, end user, and region. Based on the type, the market is divided into Polyethylene Terephthalate (PET), Polyethylene (PE), Polypropylene (PP), Polyvinyl Chloride (PVC), Polystyrene (PS), and Others. Based on source, the market is divided into bottles, films, fibers, foams, and others. Based on method, the market is divided into zeolites, metals, additives, and chemical compounds. Based on the end-user, the market is divided into packaging, building & construction, textile, automotive, electrical & electronics, and others.

Company Profiles

BASF SE, Suez SA, Veolia Environnement S.A., Bariq, GMS group for plastic recycling, Men Jadeed, Outgreens Egypt, COSMOSPLAST MIDDLE EAST, National Environmental Recycling Company (Tadweeer), and Bekia Egypt are some of the key players of Egypt plastic recycling market.

Report Scope:

In this report, Egypt Plastic Recycling market has been segmented into the following categories, in addition to the industry trends, which have also been detailed below:

- Egypt Plastic Recycling Market, By Type:

- o Polyethylene Terephthalate (PET)
- o Polyethylene (PE)
- o Polypropylene (PP)
- o Polyvinyl Chloride (PVC)
- o Polystyrene (PS)
- o Others

- Egypt Plastic Recycling Market, By Source:

- o Bottles
- o Films
- o Fibers
- o Foams
- o Others

- Egypt Plastic Recycling Market, By Method:

- o Zeolites

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- o□Metals
- o□Additives
- o□Chemical Compounds
- Egypt Plastic Recycling Market, By End User:
- o□Packaging
- o□Building & Construction
- o□Textile
- o□Automotive
- o□Electrical & Electronics
- o□Others
- Egypt Plastic Recycling Market, By Region:

- o□Cairo
- o□Alexandria
- o□Giza
- o□Qalyubia
- o□Port Said
- o□Suez
- o□Rest of Egypt

Competitive landscape

Company Profiles: Detailed analysis of the major companies in Egypt Plastic Recycling market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

- Detailed analysis and profiling of additional market players (up to five).

Table of Contents:

- 1.□Product Overview
 - 1.1.□Market Definition
 - 1.2.□Scope of the Market
 - 1.2.1.□Markets Covered
 - 1.2.2.□Years Considered for Study
 - 1.2.3.□Key Market Segmentations
- 2.□Research Methodology
 - 2.1.□Objective of the Study
 - 2.2.□Baseline Methodology
 - 2.3.□Key Industry Partners
 - 2.4.□Major Association and Secondary Sources
 - 2.5.□Forecasting Methodology
 - 2.6.□Data Triangulation & Validation
 - 2.7.□Assumptions and Limitations
- 3.□Executive Summary
 - 3.1.□Overview of the Market
 - 3.2.□Overview of Key Market Segmentations
 - 3.3.□Overview of Key Market Players
 - 3.4.□Overview of Key Regions/Countries
 - 3.5.□Overview of Market Drivers, Challenges, Trends

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4. Egypt Plastic Recycling Market Outlook
 - 4.1. Market Size & Forecast
 - 4.1.1. By Value & Volume
 - 4.2. Market Share & Forecast
 - 4.2.1. By Type (Polyethylene Terephthalate (PET), Polyethylene (PE), Polypropylene (PP), Polyvinyl Chloride (PVC), Polystyrene (PS) and Others)
 - 4.2.2. By Source (Bottles, Films, Fibers, Foams and Others)
 - 4.2.3. By End-User (Packaging, Building & Construction, Textile, Automotive, Electrical & Electronics and Others)
 - 4.2.4. By Region (Cairo, Alexandria, Giza, Qalyubia, Port Said, Suez, and Rest of Egypt)
 - 4.2.5. By Company (2022)
 - 4.3. Market Map
5. Cairo Plastic Recycling Market Outlook
 - 5.1. Market Size & Forecast
 - 5.1.1. By Value & Volume
 - 5.2. Market Share & Forecast
 - 5.2.1. By Type
 - 5.2.2. By Source
 - 5.2.3. By End User
6. Alexandria Plastic Recycling Market Outlook
 - 6.1. Market Size & Forecast
 - 6.1.1. By Value & Volume
 - 6.2. Market Share & Forecast
 - 6.2.1. By Type
 - 6.2.2. By Source
 - 6.2.3. By End User
7. Giza Plastic Recycling Market Outlook
 - 7.1. Market Size & Forecast
 - 7.1.1. By Value & Volume
 - 7.2. Market Share & Forecast
 - 7.2.1. By Type
 - 7.2.2. By Source
 - 7.2.3. By End User
8. Qalyubia Plastic Recycling Market Outlook
 - 8.1. Market Size & Forecast
 - 8.1.1. By Value & Volume
 - 8.2. Market Share & Forecast
 - 8.2.1. By Type
 - 8.2.2. By Source
 - 8.2.3. By End User
9. Port Said Plastic Recycling Market Outlook
 - 9.1. Market Size & Forecast
 - 9.1.1. By Value & Volume
 - 9.2. Market Share & Forecast
 - 9.2.1. By Type
 - 9.2.2. By Source
 - 9.2.3. By End User
10. Suez Plastic Recycling Market Outlook

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- 10.1.□Market Size & Forecast□
 - 10.1.1.□By Value & Volume
- 10.2.□Market Share & Forecast
 - 10.2.1.□By Type
 - 10.2.2.□By Source
 - 10.2.3.□By End User
- 11.□Market Dynamics
 - 11.1.□Drivers
 - 11.2.□Challenges
- 12.□Market Trends & Developments
 - 12.1.□Research & Development
 - 12.2.□Product launch
 - 12.3.□Merger & Acquisition
- 13.□Egypt Plastic Recycling Market: SWOT Analysis
- 14.□Porter's Five Forces Analysis
 - 14.1.□Competition in the Industry
 - 14.2.□Potential of New Entrants
 - 14.3.□Power of Suppliers
 - 14.4.□Power of Customers
 - 14.5.□Threat of Substitute Products
- 15.□Competitive Landscape
 - 15.1.□Business Overview
 - 15.2.□Product Offerings
 - 15.3.□Recent Developments
 - 15.4.□Financials (In Case of Listed Companies)
 - 15.5.□Key Personnel
 - 15.5.1.□BASF SE
 - 15.5.2.□Suez SA
 - 15.5.3.□ Veolia Environnement S.A.
 - 15.5.4.□Bariq
 - 15.5.5.□GMS Group for Plastic Recycling
 - 15.5.6.□Men Jadeed
 - 15.5.7.□Outgreens Egypt
 - 15.5.8.□COSMOSPLAST MIDDLE EAST
 - 15.5.9.□National Environmental Recycling Company (Tadweeer)
 - 15.5.10.□Bekia Egypt
- 16.□Strategic Recommendations
- 17.□About Us & Disclaimer

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