

# **Middle East & Africa Biodegradable Plastics Market Forecast to 2028 – COVID-19 Impact and Regional Analysis – by Type (PLA, PHA, Starch Blends, PBS, PBAT, and Others) and End User (Packaging and Bags, Agriculture and Horticulture, Consumer Goods, and Others)**

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## **Abstracts**

The Middle East & Africa biodegradable plastics market is expected to grow from US\$ 317.59 million in 2022 to US\$ 673.58 million by 2028. It is estimated to grow at a CAGR of 13.3% from 2022 to 2028.

Clean up efforts taken up by the governments is Drive Middle East & Africa Biodegradable plastics market

Biodegradable plastic is used as an effective alternative to conventional single-use plastics. These plastics deliver similar technical characteristics and functionalities as that of conventional plastics, along with the reduction of greenhouse gas emissions. Additionally, the biodegradable plastic industry has involved in the research and development of novel materials with improved properties, which has helped the companies to enhance their production efficiency and reduce environmental footprints. The supportive government policies for biodegradable plastics have further propelled the use of these plastics. Furthermore, the government of Saudi Arabia introduced new regulatory requirement from December 2017, majorly affecting the packaging material. According to the regulations of the responsible Saudi organization (SASO), plastic products must be made of an approved oxo-biodegradable material. Such government measures have fuelled the growth of the Middle East & Africa biodegradable plastics market. The jurisdictions globally have been successful in instituting bans and fees on

different types of plastics like carryout containers, bags, straws and polystyrene. Thus, such initiatives bans on the use of plastics that has resulted in an upsurge for the consumption of biodegradable plastic. The Oil spills are long-lasting environmental disasters with a wide range of impacts. The effects of oil spills can vary, ranging from minimal to serious ones, depending on the magnitude and location of the spillage. Oil can kill surface.

## Middle East & Africa Biodegradable Plastics Market Overview

The Middle East & Africa region primarily includes South Africa, Saudi Arabia, and the UAE. The growth of biodegradable plastic in the region is attributed to rising awareness regarding environmental impacts and increasing government bans for use of single use plastics. For instance, the government of Saudi Arabia introduced new regulatory requirement form December 2017, majorly affecting the packaging material. According to the regulations of the responsible Saudi organization (SASO), plastic products must be made of an approved oxo-biodegradable material. In addition, the growing packaging industry in the region has further attributed the biodegradable plastic market. However, the high cost of biodegradable plastic may hamper the growth of the market in the region.

Moreover, the strategic development such as product development, mergers, and other decisions made by key players in the market is further expected to surge the growth of the market in the region. For instance, in August 2022, Symphony Environmental Technologies Plc entered into agreement with Ecobatch Plastic Factory in the UAE. The agreement was states that supply Symphony Environmental Technologies Plc will supply its biodegradable d2w masterbatch in Middles East. This technology will help reduce pollution and plastic waste and are expected to use in manufacturing of products including food packaging, shopping bags, and other plastic items.

## Middle East & Africa Biodegradable Plastics Market Revenue and Forecast to 2028 (US\$ Million)

### Middle East & Africa Biodegradable Plastics Market Segmentation

The Middle East & Africa biodegradable plastics market is segmented into type, end user, and country.

Based on type, the Middle East & Africa biodegradable plastics market is segmented into PLA, PHA, starch blends, PBS, PBAT, and others. In 2022, the starch blends

segment registered a largest share in the Middle East & Africa biodegradable plastics market.

Based on end-user, the Middle East & Africa biodegradable plastics market is segmented into packaging and bags, agriculture and horticulture, consumer goods, and others. In 2022, the packaging and bags segment registered a largest share in the Middle East & Africa biodegradable plastics market.

Based on country, the Middle East & Africa biodegradable plastics market is segmented into South Africa, Saudi Arabia, the UAE, and the Rest of Middle East & Africa. In 2022, the Rest of Middle East & Africa segment registered a largest share in the Middle East & Africa biodegradable plastics market.

BASF SE; FKuR Kunststoff GmbH; Mitsubishi Chemical Holdings Corp; Novamont SpA; and TotalEnergies Corbion BV are the leading companies operating in the Middle East & Africa biodegradable plastics market.

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