

# Global Bioplastics Market: Trends and Opportunities (2013-2018)

March 2014



## Scope of the Report

The report titled “Global Bioplastics Market: Trends & Opportunities (2013-2018)” provides an in-depth analysis of the global bioplastics market with detailed analysis of various regions like Asia, South America, North America and Europe. The report also assesses the key opportunities in the market and outlines the factors that are and will be driving the growth of the industry. Growth of the overall bioplastics market has also been forecasted for the period 2013-2018, taking into consideration the previous growth patterns, the growth drivers and the current and future trends. Further, key players of the industry like BASF SE, Arkema, DuPont, Lanxess AG are profiled.

## Regional Coverage

- Asia
- China
- South America
- North America
- U.S
- Europe

## Company Coverage

BASF SE

Arkema,

DuPont

Lanxess AG

## Executive Summary

A sustainable alternative to traditional plastics, bioplastics are plastics that are fully or partially biobased, and/or biodegradable or compostable. In other words, they are plastics that are made from renewable resources such as corn, tapioca, potatoes, sugar and algae etc. and will break down faster than traditional plastics, which are typically made from petroleum, and other fossil resources such as natural gas. Bioplastics have numerous applications like packaging, bottles, utensils, furniture etc.

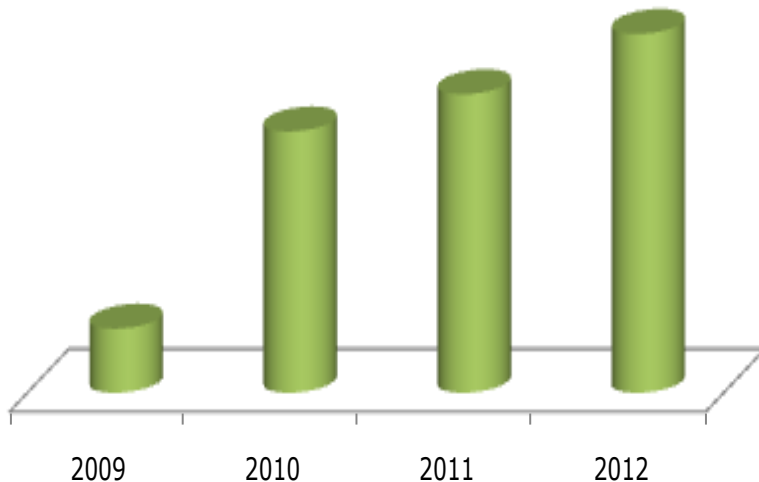
Globally the production capacity of bioplastic is highest in Asia followed by South America and Europe. As Asia and South America are closer to where feedstock is grown the production capacity of bioplastic is hence higher in these regions. Growing sensitivity to climate change and increasing prices of oil have together contributed to rise in demand of bioplastic products. A number of laws such as plastic bags ban and waste disposal laws are also leading to rise in demand of bioplastics.

Few challenges which the market is facing are lack of biobased feedstock, lack of composting and other industrial biodegradation infrastructure, lacks a clear understanding of the various bioplastics related terms and definitions etc. New high performance bioplastic is coming up in the market that can withstand higher temperatures. Many companies are also planning to substitute feedstock with some other biobased material or to use non food alternative feedstock from biomass, so as to reduce their dependency on feedstock availability.

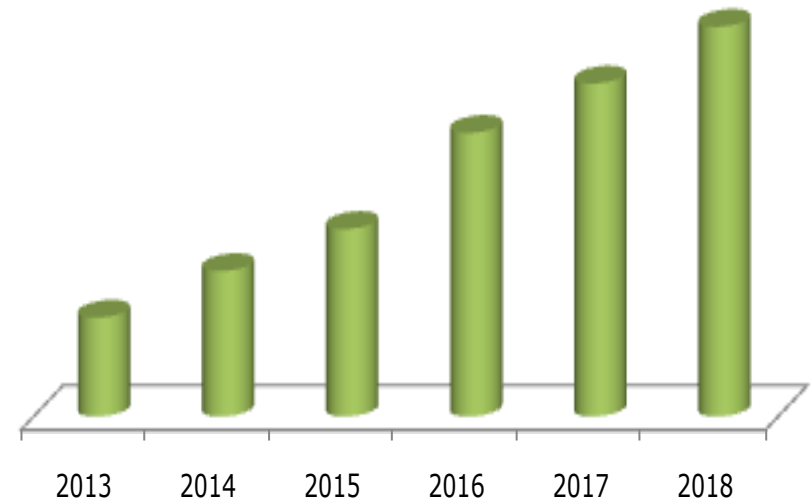
# Global Bioplastics Market: An Overview

Bioplastics are plastics that are derived from renewable biomass sources, such as vegetable fats and oils, corn starch, pea starch or microbiota. Common plastics, such as fossil-fuel plastics, are derived from petroleum; these plastics rely more on fossil fuels and produce more greenhouse gas.

**Global Bioplastic Market Size by Volume: 2009 to 2012 (Thousand Metric Tonnes)**



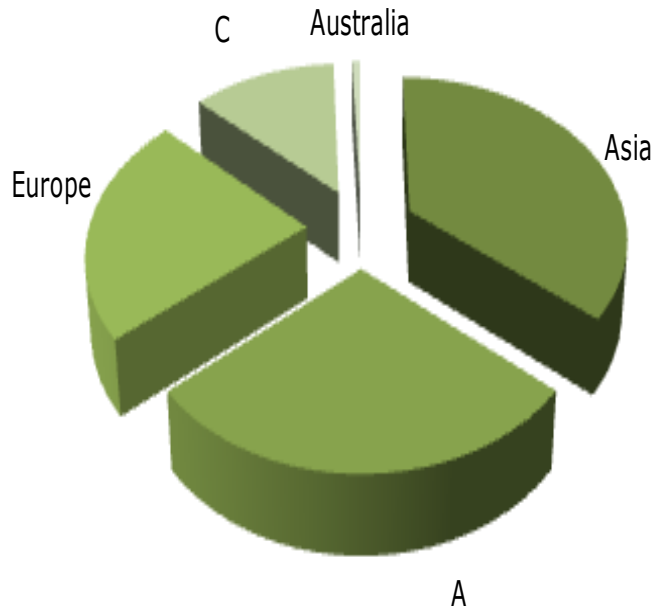
**Global Bioplastic Market Size by Volume Forecast : 2013 to 2018 (Thousand Metric Tonnes)**



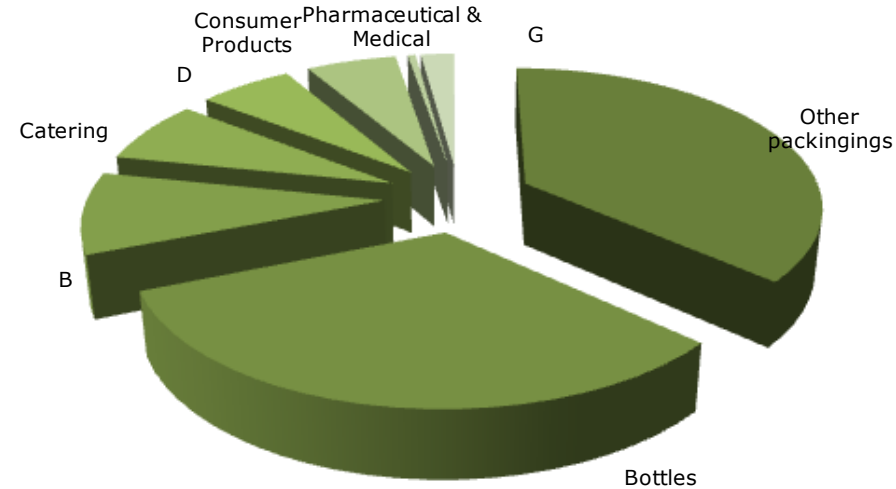
- Global bioplastic market size is expected to reach to .....thousand metric tonnes in the year 2018, from ..... in 2012 by growing at a CAGR of.....%.
- Growth in the market is due to .....

# Global Bioplastics Market Share

Global Market Share of Bioplastics market by Region (2012)



Global Market Share of Bioplastics Market by Application (2012)



- ..... accounted for ....% share of the global bioplastic market in the year 2012, while ..... accounts for .....% of the market share
- In 2012, around .....% of the total market share of global bioplastic market was held by .....

# Market Trends

## Innovation of Biobased Building Blocks

- .....
- .....
- .....
- .....

## Alternative Feedstock Developments

- .....
- .....
- .....
- .....
- .....

## Development of Higher Performance Bioplastics

- .....
- .....
- .....
- .....