



# Biodegradable Polymers Market Value

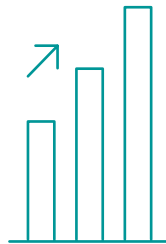
Increases as plastic regulations and bans increase

Current **2018** market value

**\$1.1 billion**

**2023** Could reach

**\$1.7 billion**



Global **2018** demand

**360,000**  
metric tons



**9%** average annual growth rate over next 5 years



**550,000** metric tons  
**2023** forecast global consumption

## Legislation #1

Demand driver for biodegradable polymers



## Key applications

Single-use products

- Cups
- Disposable cutlery
- Shopping bags
- Compost bags



Significant **increase** in consumption of biodegradable polymers

**France & Italy**

Restrictions on the use of non-biodegradable plastic shopping bags

## Key factors influencing the industry

- Cost of biodegradable polymers versus conventional plastics
- Availability or lack of composting infrastructure
- Public concern about plastic waste in the environment
- Corporate sustainability initiatives
- Certification versus “greenwashing”

The evolution of these key factors and their impact on the biodegradable polymers industry differ in each region of the world.

- What is driving double-digit consumption growth in China and Taiwan?
- How does the Western European market differ from other regional markets?
- Who are the major producers of biodegradable polymers?

For more information: [ihsmarkit.com/products/biodegradable-polymers-chemical-economics-handbook.html](https://ihsmarkit.com/products/biodegradable-polymers-chemical-economics-handbook.html)