

Global Bioplastics Market:
Analysis By Production
Capacity, By Type, By
Application, By Region Size
And Trends With Impact Of
COVID-19 And Forecast up to
2027

January 2023



Global Bioplastics Market: Coverage

Executive Summary and Scope

Introduction/Market Overview

Global Market Analysis

Regional Market Analysis

Impact Of COVID 19

Dynamics

Competitive Landscape

Company Profiling

Global Bioplastics Market: Coverage

Scope of the Report

Attributes	Details
Title	Global Bioplastics Market: Analysis By Production Capacity, By Type, By Application, By Region Size And Trends With Impact Of COVID-19 And Forecast up to 2027
Coverage	Global and Regional
Regional Coverage	Asia Pacific (China, Japan, India, and Rest of Asia Pacific), Europe (Germany, France, UK, and Rest of Europe), North America (The US, Canada, and Mexico), and the Rest of the World
Market Influencing Variables	Growth Drivers, Challenges, Market Trends
Forecast Period of Market	2022-2027
Competition in the Market	Consolidated
Key Players	Avantium N.V., BASF SE, Toray Industries Inc., Eastman Chemical Company, Biome Technologies PLC, Caribion N.V., Kuraray Co., Ltd (Plantic Technologies Ltd.), Mitsubishi Chemical Group, Novamont S.p.A., Futerro, NatureWorks LLC, and PTT MCC Biochem Co. Ltd.

Global Bioplastics Market: Coverage

Executive Summary

Plastics made from renewable biomass sources, such as plant fats and oils, maize starch, straw, woodchips, sawdust, and recovered food waste, are known as bioplastics. Plastic material is defined as bioplastics if it is either bio-based, biodegradable, or features both properties. The global bioplastics market was valued at US\$8.14 billion in 2021. The market value is expected to reach US\$18.05 billion by 2027, growing at a CAGR of 14.18% over the projected period of 2022-2027.

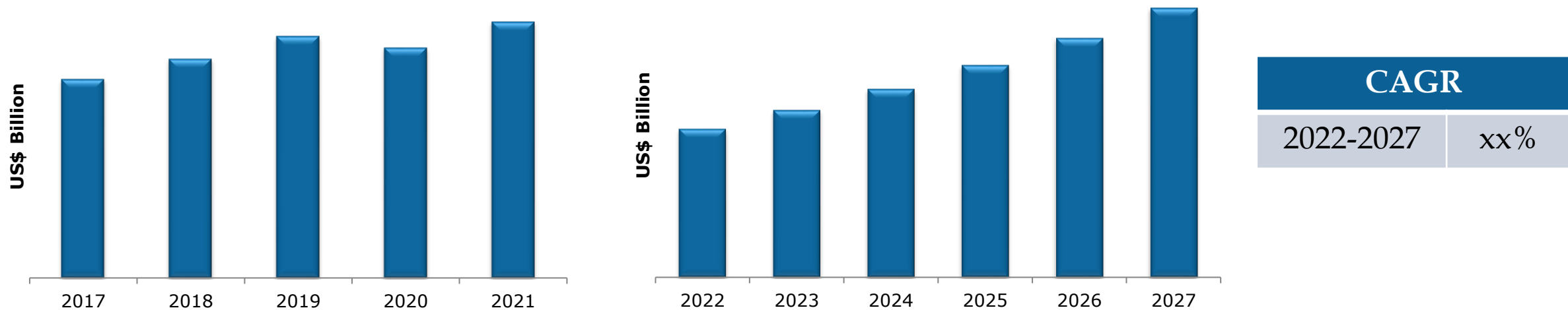
The global bioplastics market can be segmented based on type (Biodegradable, and Non-Biodegradable), and application (Flexible Packaging, Rigid Packaging, Textiles, Consumer Goods, Agriculture & Horticulture, Coating & Adhesives, and Others). Biodegradable production capacity has been further bifurcated based on type: PLA, Starch blends, PBAT, PHA, and Other. Non-biodegradable production capacity has been also analyzed based on type: PE, PTT, PA, PET, PP, and Other.

In 2020, global bioplastics have experienced negative growth. Numerous multinational corporations made commitments to use biodegradable plastics in response to consumer and activist pressure before the COVID-19 pandemic. However, after the COVID-19 outbreak, the regulations on single-use plastics and green investments announced by many governments and organizations got postponed due to the pandemic, resulting in a reduction in the uptake of bio-based alternatives. However, as the lockdown eased, the market witnessed significant growth. Moreover, as people become more aware of the expanding plastic waste stream and its effects on the environment, the private and public sectors are anticipated to invest more funding to speed up the use of bioplastics.

The global bioplastics market observed progressive growth in the past few years and anticipations are made that during the forecasted period (2022-2027), the market would further augment at an escalating growth rate. The global bioplastics market growth is predicted to be supported by numerous growth drivers such as increasing fossil fuel prices, increasing demand for eco-friendly goods, emergence of bio-based and renewable raw materials, high consumer acceptance for bioplastics, growing beverage packaging industry, favorable government initiatives, reduced greenhouse gas emissions, and many other factors. Conversely, the market growth would be negatively impacted by various challenges such as high cost of product, limited regulations related to bioplastics in developing countries, etc. Moreover, the market growth would succeed in various market trends like increasing demand for electronic vehicles, growing demand of bioplastics in medical sector, technological advancements, increasing research and development, etc.

Bioplastics Market: Global Analysis

Global Bioplastics Market by Value



Global Bioplastics market was valued at US\$... billion in 2021 and is anticipated to reach up to US\$... billion by 2027 from US\$... billion in 2022, with a CAGR of xx%.

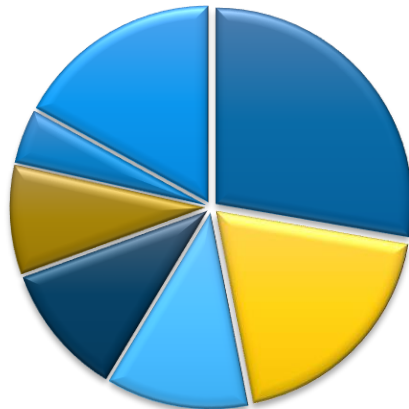
Bioplastics Market: Global Analysis

Global Bioplastics Market by Type; 2021



Type	Share
Biodegradable	xx%
Non-Biodegradable	xx%

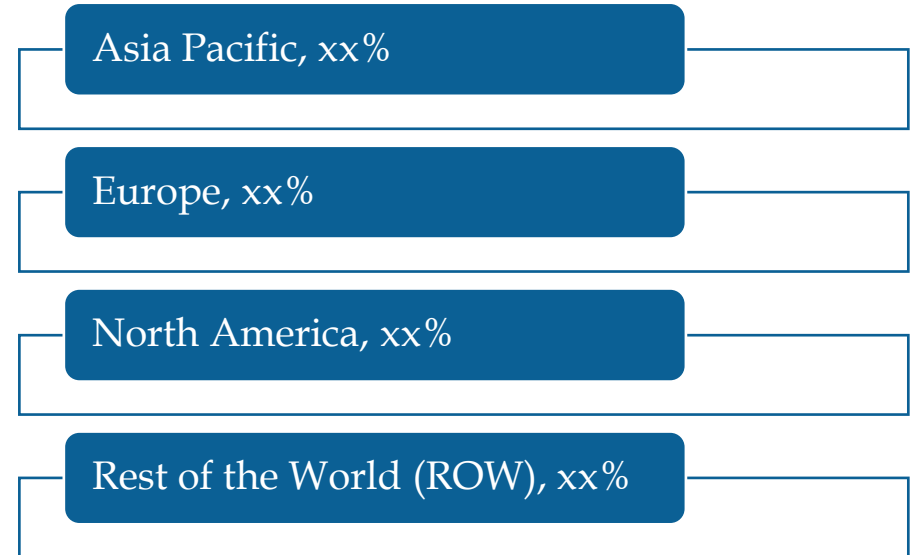
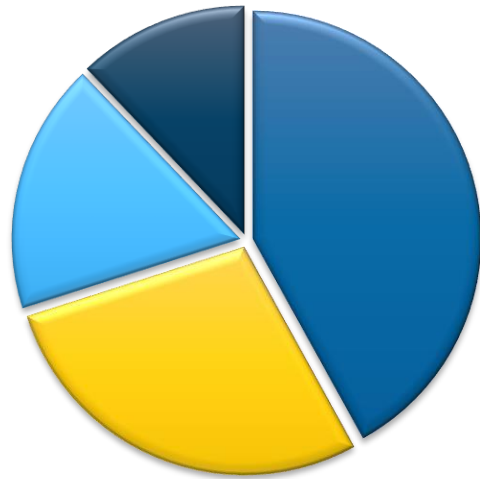
Global Bioplastics Market by Application; 2021



Application	Share
Flexible Packaging	xx%
Rigid Packaging	xx%
Textiles	xx%
Consumer Goods	xx%
Agriculture & Horticulture	xx%
Coating & Adhesives	xx%
Others	xx%

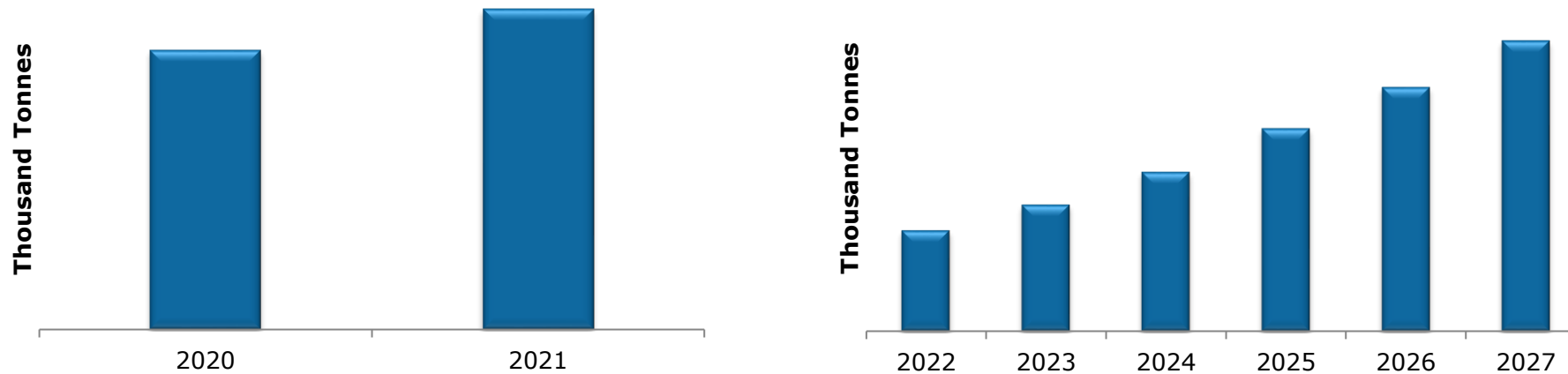
Bioplastics Market: Global Analysis

Global Bioplastics Market by Region; 2021



Bioplastics Market: Global Analysis

Global Bioplastics Market by Production Capacity



CAGR	
2022-2027	xx%

Global Bioplastics market's production capacity reached ... thousand tonnes in 2021 and is anticipated to reach up to ... thousand tonnes by 2027 from ... thousand tonnes in 2022, with a CAGR of xx%.

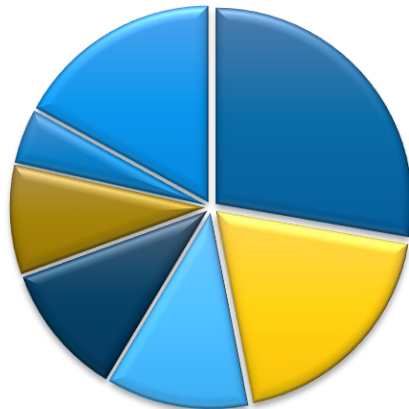
Bioplastics Market: Global Analysis

Global Bioplastics Market Production Capacity by Type; 2021



Type	Share
Biodegradable	xx%
Non-Biodegradable	xx%

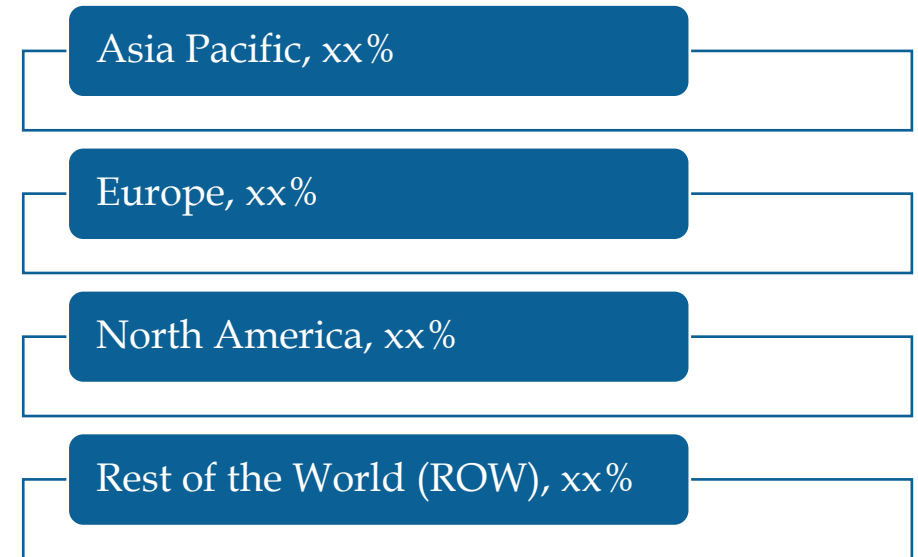
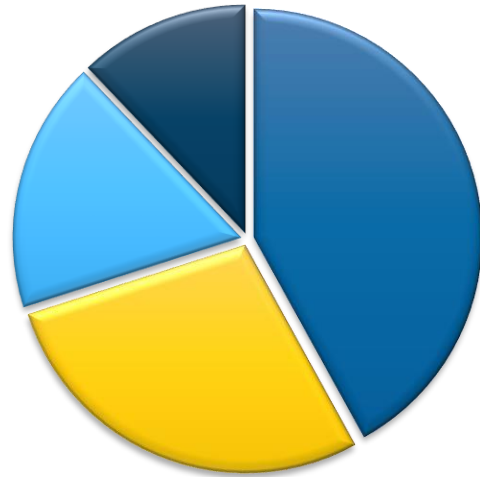
Global Bioplastics Market Production Capacity by Application; 2021



Application	Share
Flexible Packaging	xx%
Rigid Packaging	xx%
Consumer Goods	xx%
Textiles	xx%
Agriculture & Horticulture	xx%
Coating & Adhesives	xx%
Others	xx%

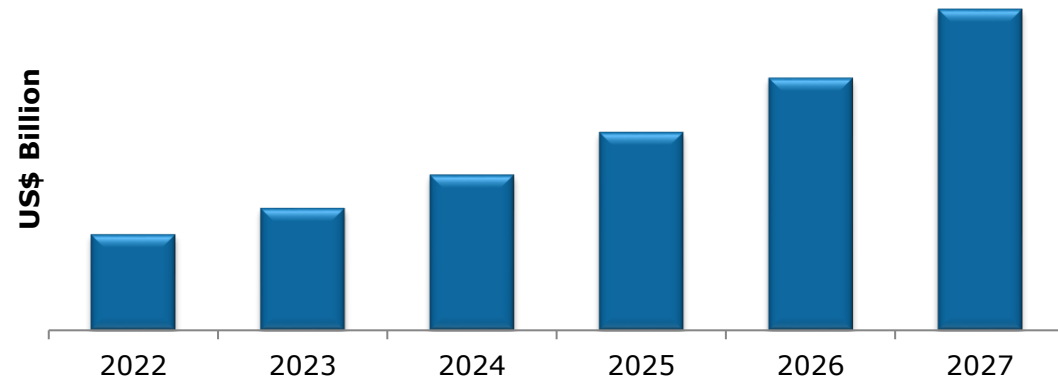
Bioplastics Market: Global Analysis

Global Bioplastics Market Production Capacity by Region; 2021

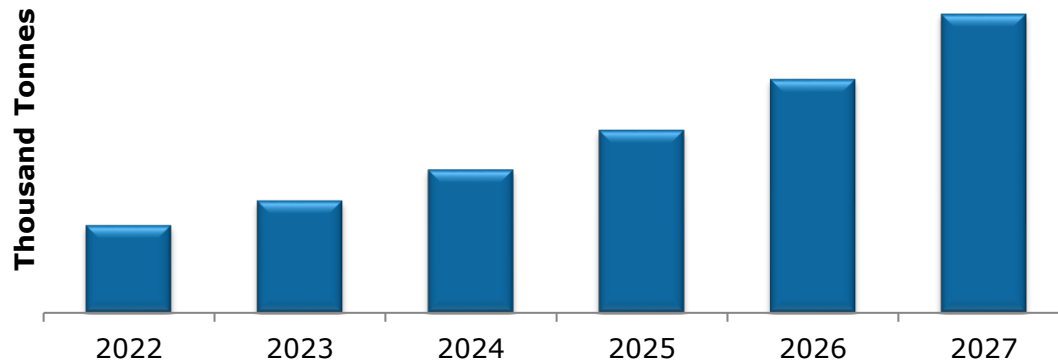


Bioplastics Market: Type Analysis

Global Biodegradable Bioplastics Market by Value



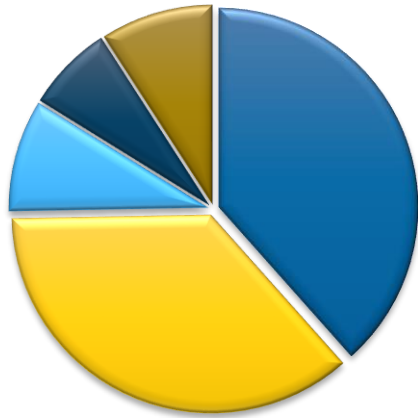
Global Biodegradable Bioplastics Market by Production Capacity



Type	CAGR (2022-2027)
Biodegradable	xx%
Non-Biodegradable	xx%

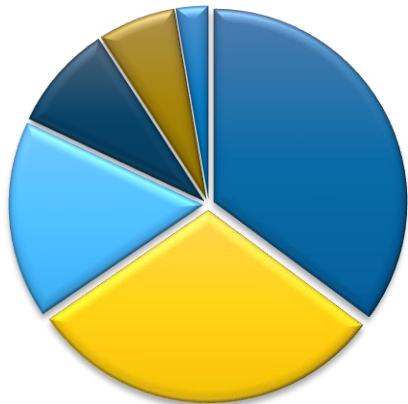
Bioplastics Market: Segment Analysis

Global Biodegradable Bioplastics Market Production Capacity by Type; 2021



Type	Share 2021	CAGR (2022-2027)
PLA	xx%	xx%
Starch blends	xx%	xx%
PBAT	xx%	xx%
PHA	xx%	xx%
Other	xx%	xx%

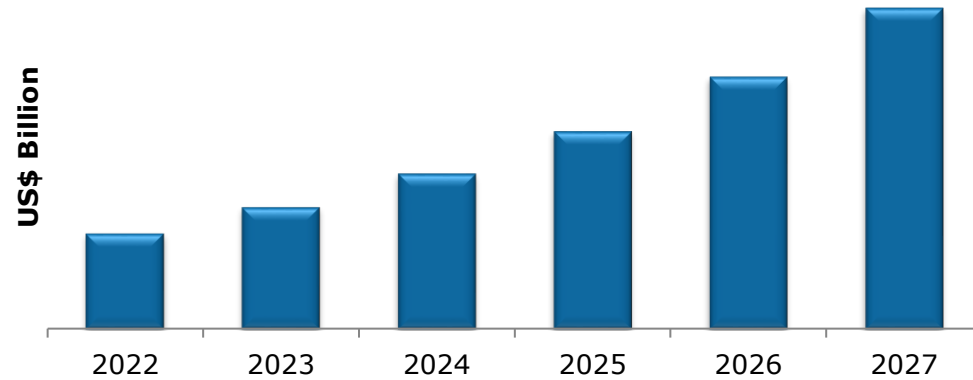
Global Non-Biodegradable Bioplastics Market Production Capacity by Type; 2021



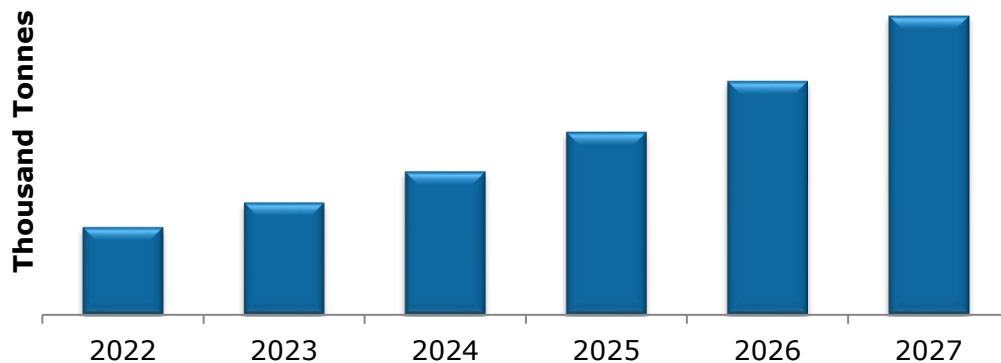
Type	Share 2021	CAGR (2022-2027)
PTT	xx%	xx%
PE	xx%	xx%
PA	xx%	xx%
PET	xx%	xx%
PP	xx%	xx%
Other	xx%	xx%

Bioplastics Market: Application Analysis

Global Flexible Packaging Bioplastics Market by Value



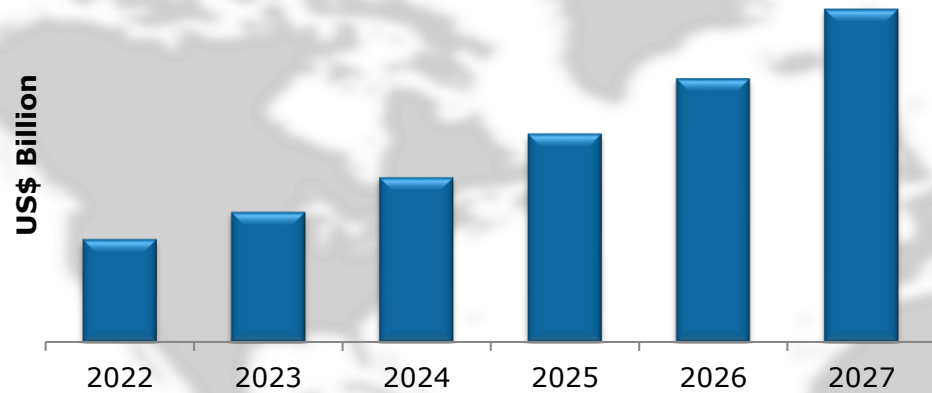
Global Flexible Packaging Bioplastics Market by Production Capacity



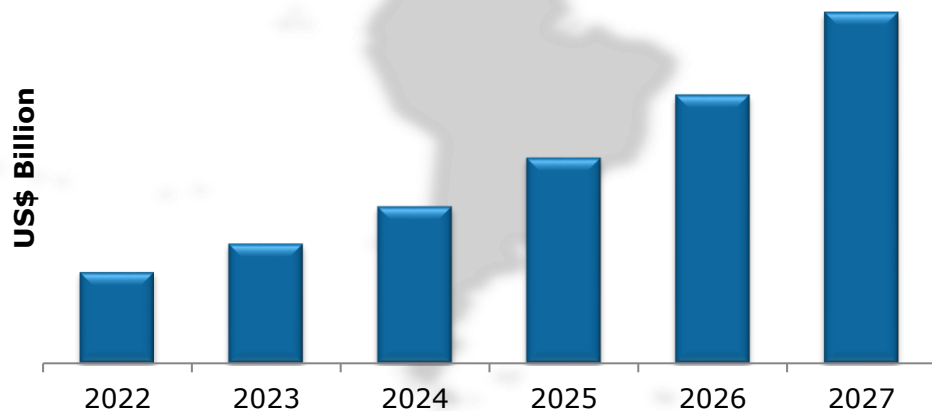
Application	CAGR (2022-2027)
Flexible Packaging	xx%
Rigid Packaging	xx%
Consumer Goods	xx%
Textiles	xx%
Agriculture & Horticulture	xx%
Coating & Adhesives	xx%
Others	xx%

Bioplastics Market: Regional Analysis

Asia Pacific Bioplastics Market by Value



North America Bioplastics Market by Value



Region	CAGR (2022-2027)
Asia Pacific	xx%
Europe	xx%
North America	xx%
Rest of the World (ROW)	xx%

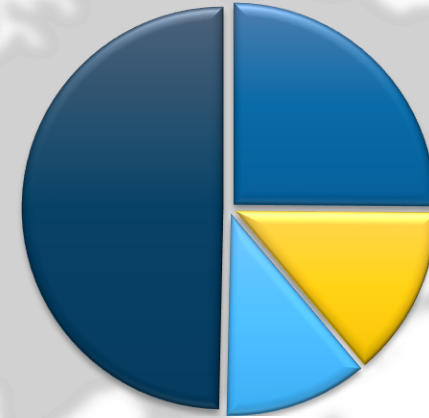
Asia Pacific Bioplastics Market: An Analysis

Asia Pacific Bioplastics Market by Region; 2021



Region	Share (2021)	CAGR (2022-2027)
China	xx%	xx%
Japan	xx%	xx%
India	xx%	xx%
Rest of Asia Pacific	xx%	xx%

Asia Pacific Bioplastics Market Production Capacity by Region; 2021



Region	Share (2021)	CAGR (2022-2027)
China	xx%	xx%
Japan	xx%	xx%
India	xx%	xx%
Rest of Asia Pacific	xx%	xx%

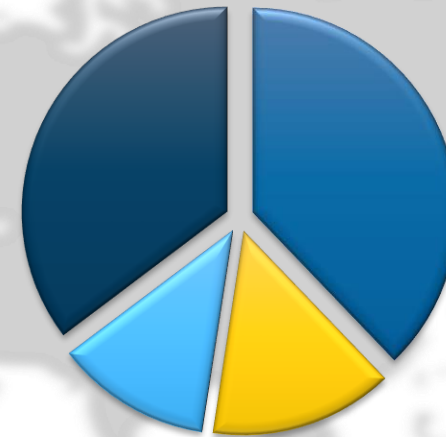
Europe Bioplastics Market: An Analysis

Europe Bioplastics Market by Region; 2021



Region	Share (2021)	CAGR (2022-2027)
Germany	xx%	xx%
France	xx%	xx%
UK	xx%	xx%
Rest of Europe	xx%	xx%

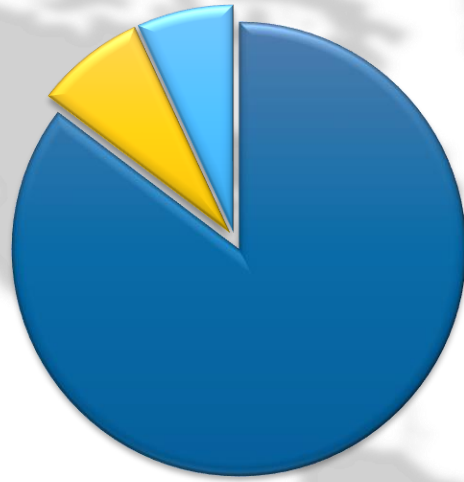
Europe Bioplastics Market Production Capacity by Region; 2021



Region	Share (2021)	CAGR (2022-2027)
Germany	xx%	xx%
France	xx%	xx%
UK	xx%	xx%
Rest of Europe	xx%	xx%

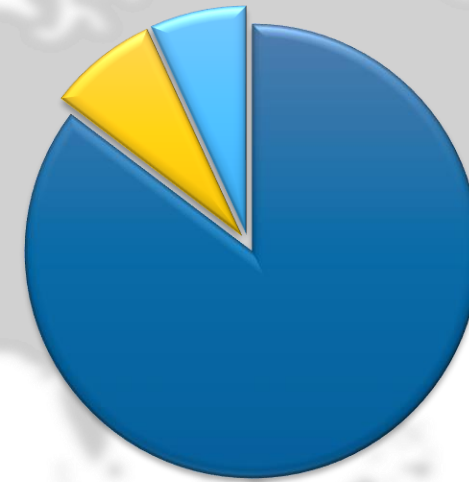
North America Bioplastics Market: An Analysis

North America Bioplastics Market by Region; 2021



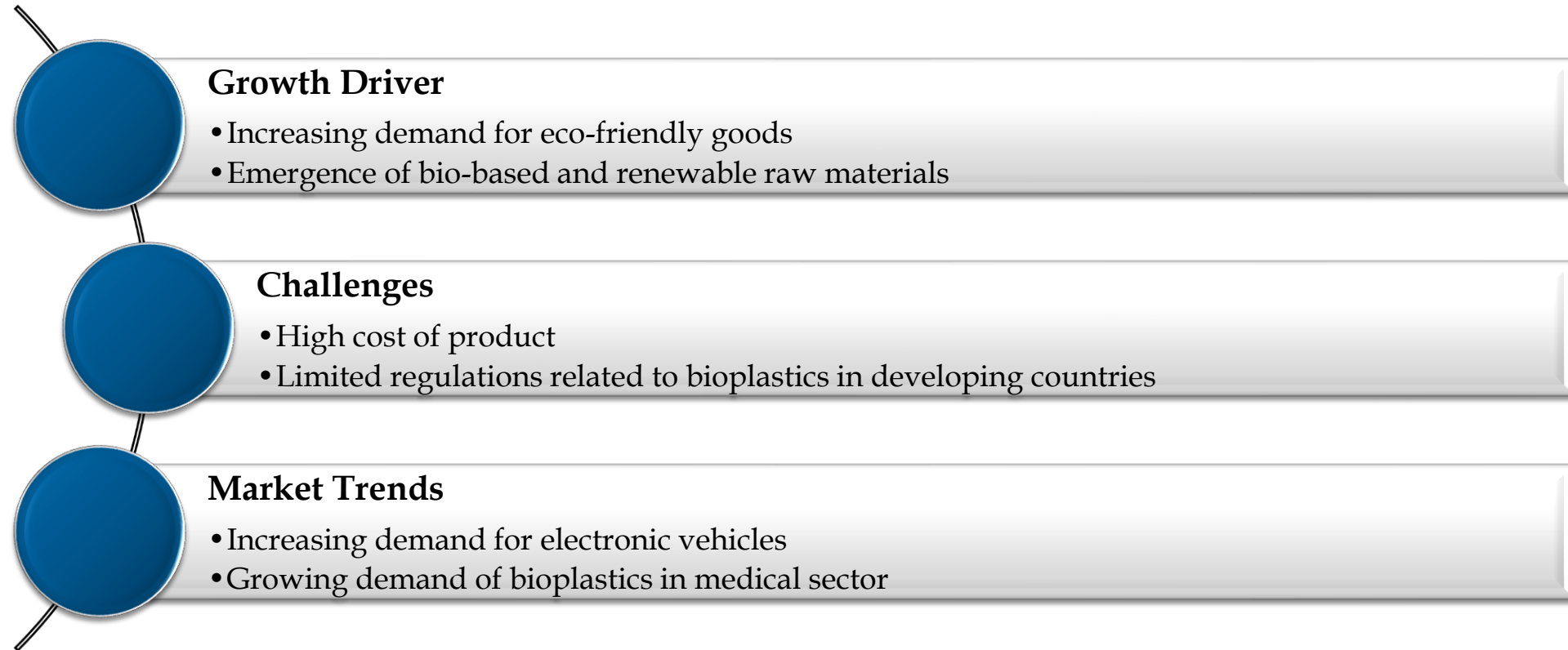
Region	Share (2021)	CAGR (2022-2027)
The US	xx%	xx%
Canada	xx%	xx%
Mexico	xx%	xx%

North America Bioplastics Market Production Capacity by Region; 2021



Region	Share (2021)	CAGR (2022-2027)
The US	xx%	xx%
Canada	xx%	xx%
Mexico	xx%	xx%

Global Bioplastics Market: Dynamics



Global Bioplastics Market: Competitive Landscape

Players Profiled

- Avantium N.V.
- BASF SE
- Toray Industries Inc.
- Eastman Chemical Company
- Biome Technologies PLC
- Carbion N.V.
- Kuraray Co., Ltd (Plantic Technologies Ltd.)
- Mitsubishi Chemical Group
- Novamont S.p.A.
- Futerro
- NatureWorks LLC
- PTT MCC Biochem Co. Ltd.

Global Bioplastics Key Players by Market Share; 2022 (Percentage, %)

