

The Bioplastics Market: Opportunities & Obstacles



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Plastic and Bioplastic Market Reports

Showcasing the Market Expertise

Bioplastics

Market Study:
Bioplastics



World Report (8th edition)

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Market Study:
Bioplastic
Films



World Report (1st edition)

Ceresana

Market Study:
Polylactic Acid
(PLA)



World Report (1st edition)

Ceresana

Market Study:
Biobased
Packaging



World Report (1st edition)

Ceresana

Plastics

Market Study:
Thermoplastic
Elastomers



World Report (4th edition)

Ceresana

Market Study:
Expandable
Polystyrene (EPS)



World Report (3rd edition)

Ceresana

Market Study:
Polyvinyl
Chloride (PVC)



World Report (8th edition)

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Market Study:
Masterbatches



World Report (4th edition)

Ceresana

Market Study:
Engineering
Plastics



World Report (3rd Edition)

Ceresana

Market Study:
Plastics

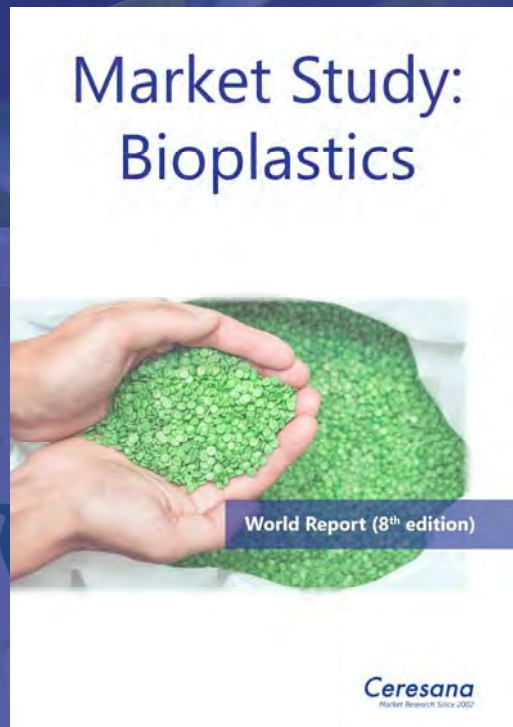


Europe Report (2nd edition)

Ceresana

Bioplastic Market Report

New Update September 2025 with Forecasts until 2034



Application Areas:

Rigid packaging, flexible packaging, consumer goods, and automotive and electronics

Product Groups:

Polylactic acid (PLA), starch, polyhydroxyalkanoates (PHA), polybutylene adipate terephthalate (PBAT)

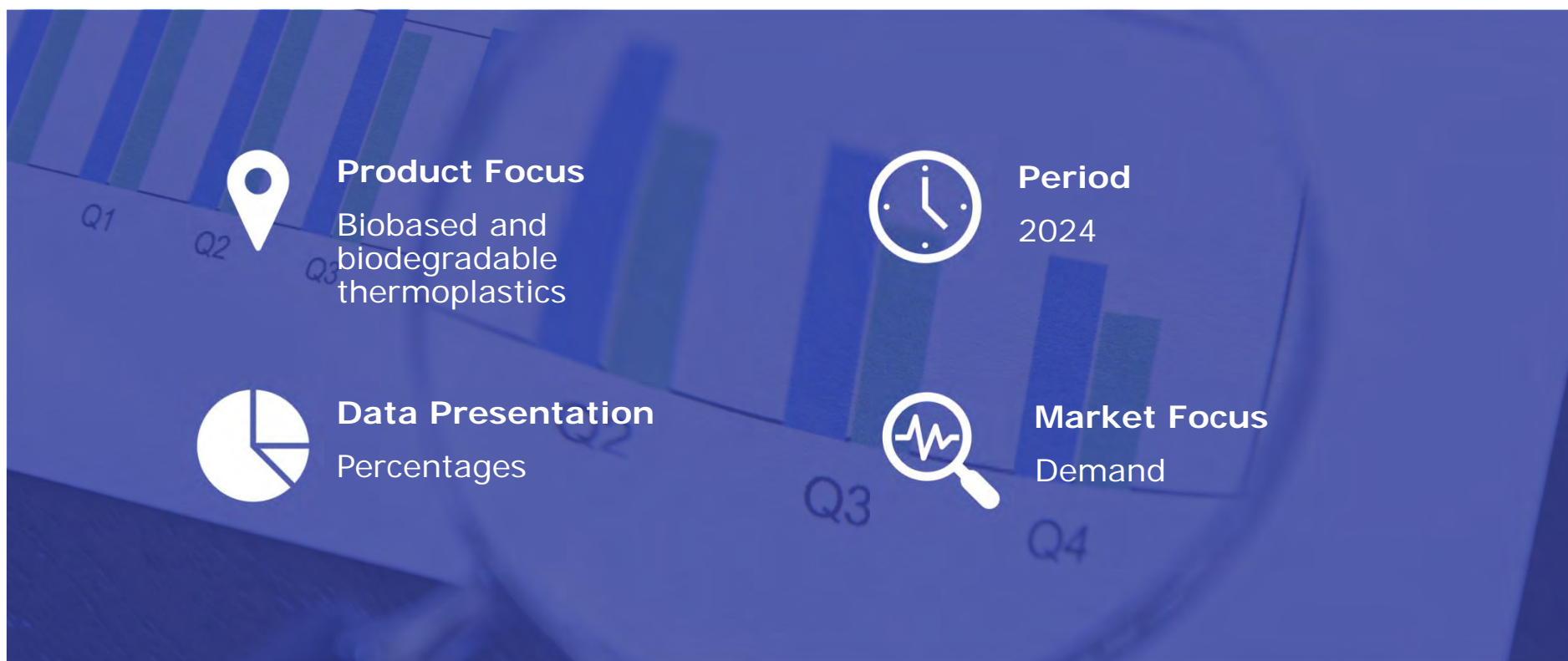
Country Profiles:

Germany, France, Italy, Netherlands, Spain, United Kingdom, USA, China, Japan, South Korea, and Taiwan

Around 100 Manufacturer Profiles

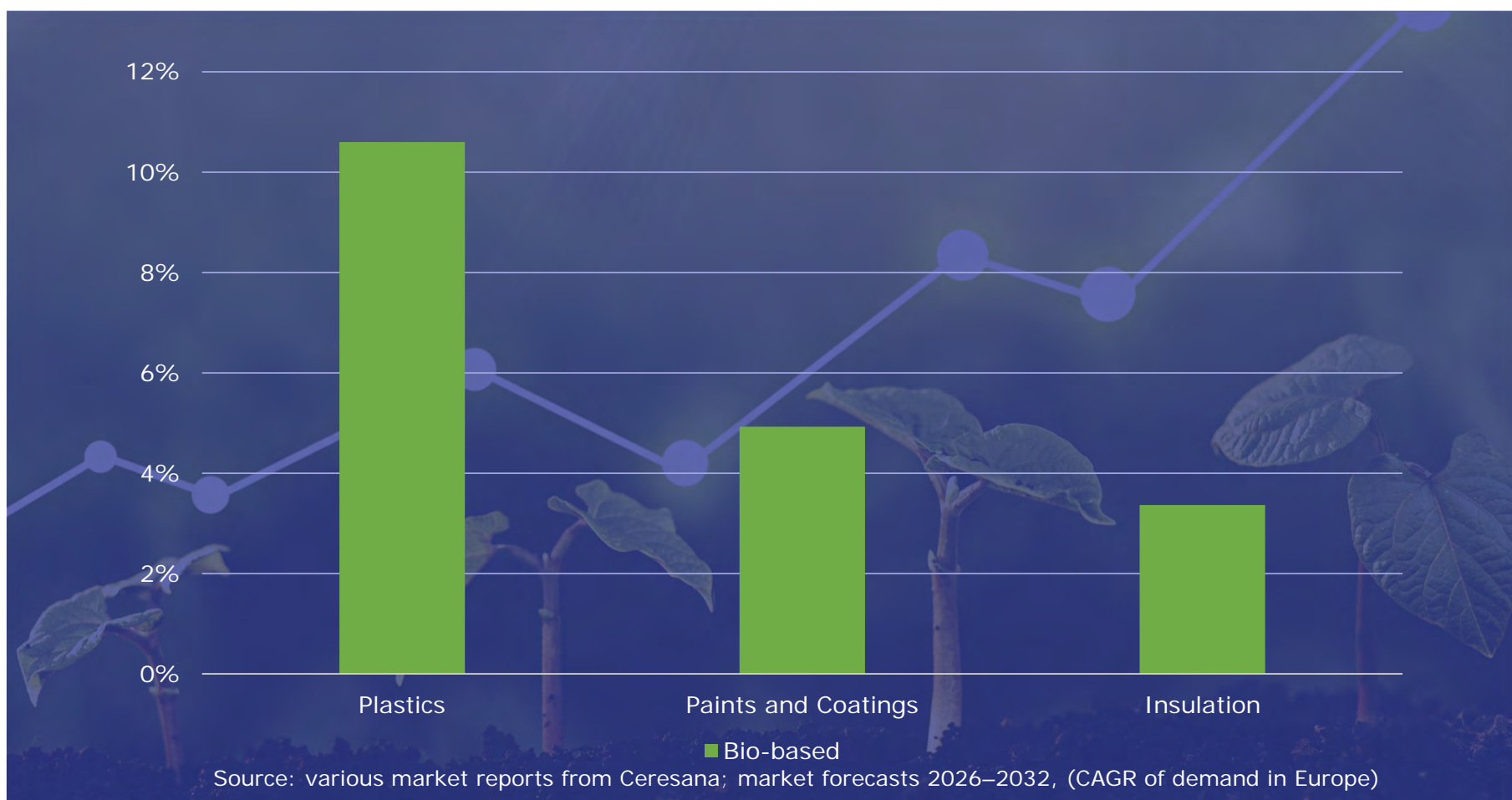
Market Overview

Industries and Regions



Growth Rates of Bio-Based Products

Overview



Bioplastic Overview

Bio-Based vs. Biodegradable Plastics

Biodegradable Plastics

Derived from renewable and fossil resources. Compostable by microorganisms.

Examples: PVA, PCL, PBAT

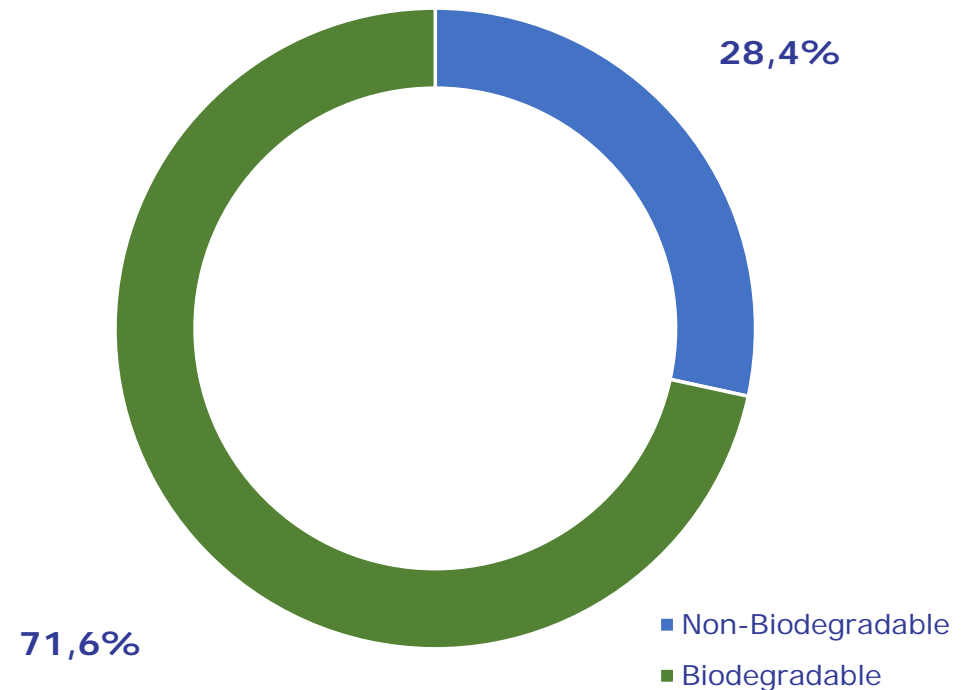
Bio-Based Plastics

Partially or entirely made from renewable resources.

Examples: Bio-PP, Bio-PE

Biodegradable and Bio-Based

Examples: PLA, PHA, TPS



Source: Market Report Bioplastics (8th Ed.) from Ceresana;
(global market data for 2024)

Products



Bioplastic Products

Groups by Chemical Structure

Polysaccharides (starch)

Proteins

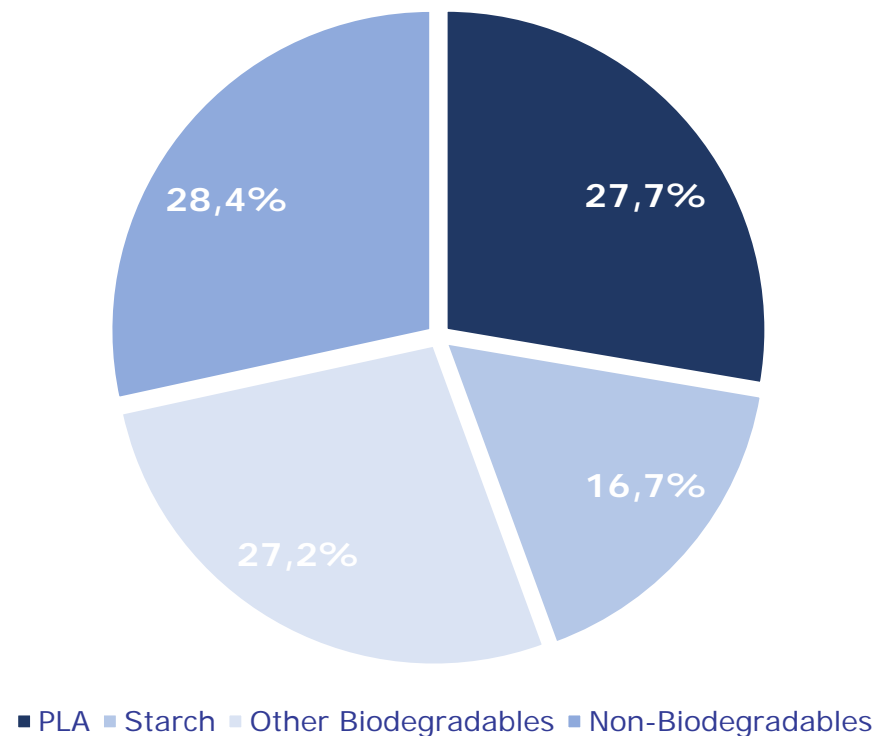
Fats

Polyesters from microorganisms (PHA)

Polyesters from natural monomers (PLA)

PLA & Starch Market Share

Long market presence, lower costs,
optimized processes



Industries



Bioplastic Market Divided into Industries

Applications Focusing on Advantages of Bioplastics

Biodegradability

- Compostable mulch films, plant pots, food packaging

Biocompatibility

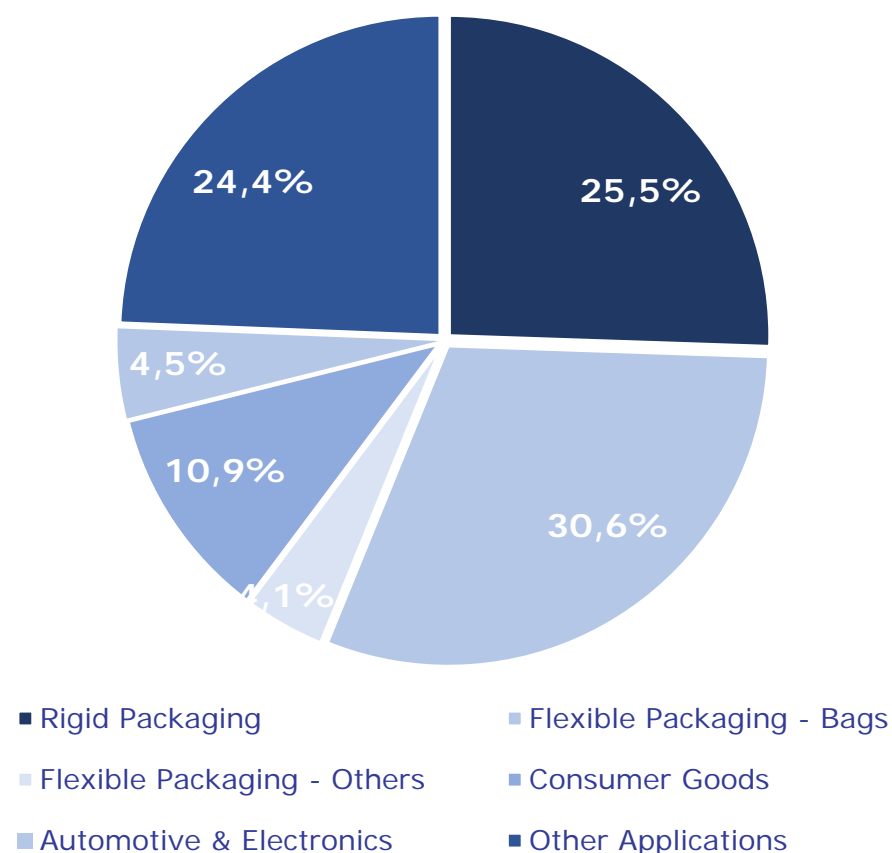
- Medical implants

Non-toxicity

- Craft materials and toys

Higher permeability for steam

- Hygiene products, breathable sportswear or food packaging



Source: Market Report Bioplastics (8th Ed.)
from Ceresana; (global market data for 2024)

Regions



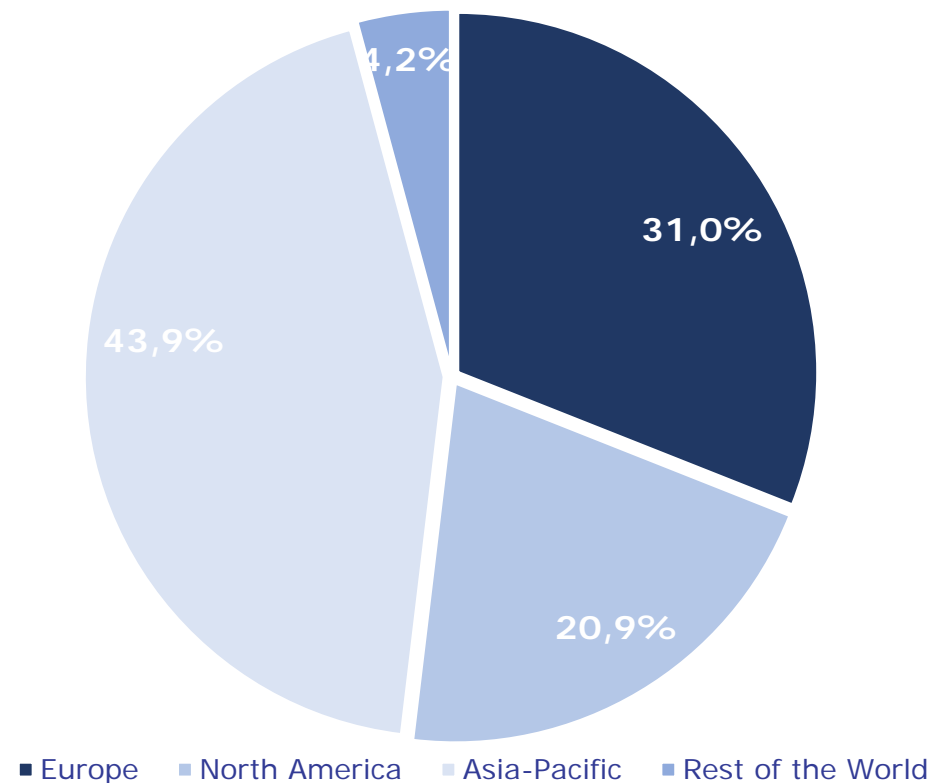
Bioplastics Regional Demand

Highest Share: Asia-Pacific

Raw material availability, low production costs, government support, growing customer demand, exports to Europe & North America

Higher Starch Production: Europe

→ raw material availability



Source: Market Report Bioplastics (8th Ed.)
from Ceresana; (global market data for 2024)

Market Growth



Growth Rate of Bio-Based Plastics

The Highest Growth in the Specific Segments

Products

PHA

PLA

Industries

Flexible Packaging
(Bags)

Automotive &
Electronics

Regions

Asia-Pacific

Source: Market Report Bioplastics (8th Ed.) from Ceresana; (global market data for 2024)

Conclusion



Conclusion

The Highest Growth in the Specific Segments

Products

Challenges:

Technical limitations

Higher production costs

Opportunities:

Biodegradability

Regulatory support

Industries

Challenges:

High technical

Competitive pricing

Low volume

Opportunities:

Packaging industry

Regulations

Consumer preference

Regions

Challenges:

Differences in cost

Raw material access

Opportunities:

Government support

New markets

Progress emerges where barriers are addressed and potential is purposefully unlocked.

Therefore, up-to-date and objective market knowledge is essential for well-founded decisions and a successful corporate strategy.

Source: Market Report Bioplastics (8th Ed.) from Ceresana; (global market data for 2024)

Thank You for Your Attention!

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