World Polylactic Acid Market - Opportunities and Forecast, 2014 - 2020

Description: Polylactic acid (PLA) is a bio-degradable thermoplastic aliphatic polymer produced from lactic acid using various crops like corn, sugarcane, tapioca etc. as a raw material. Similar to other sustainable bioplastics, PLA has a huge market potential to be used in various packaging applications of food, beverages and other consumer product that have short shelf-life. Additionally, owing to its versatile characteristics, the material can be used in various high value applications in numerous end-user industries including textiles, constructions and automotive. Therefore, the production and consumption of the sustainable material is being facilitated by various governments around the world.

Increasing consumer awareness, government incentives and easy availability of raw materials are the major factors driving market growth. However, the cost of PLA is comparatively higher than synthetic plastics, thus becoming a primary restraining factor for the market growth.

The global PLA market has been segmented based on applications as packaging, agriculture, electronics, textiles, bio-medical and others. In 2014, packaging application garners the highest share of 65.2% in the global PLA market. This is principally due to the unique mechanical, thermal and barrier properties of PLA, which makes it a suitable material for packaging applications. Based on geography, the global polylactic acid market has been segmented into North America, Europe, Asia-Pacific and LAMEA regions. North America is the largest producer and consumer of PLA and accounted for about 49.6% of the global consumption in 2014. The North American region would continue to lead the market owing to large production capacity, feedstock abundancy, supportive legal framework, and rising consumer awareness for sustainability. However, the Asia Pacific market would grow at the highest rate due to upcoming production facilities in China and Thailand coupled with growing adoption of PLA in China, Thailand, Japan, South Korea and Taiwan.


KEY MARKET BENEFITS:
- The study provides an in-depth market analysis with current and future trends to elucidate the imminent investment pockets in the market.
- Quantitative analysis of the current market and estimations during 2014-2020 (Volume and Revenue) are provided to highlight the financial caliber of the market.
- Drivers and restraints are evaluated to highlight the top factors responsible for market growth. Various segments are carefully evaluated to gauge the market potential.
- Porter's five forces model of the industry illustrates the potency of the buyers and suppliers participating in the market.
- Value chain analysis in the report provides a clear understanding on the stakeholders involved in the market.
- Geographical analysis provides a detailed understanding on the market scenario across key regions.

KEY MARKET SEGMENTS:
World Polylactic acid (PLA) market is segmented based on its applications and geography.

MARKET BY APPLICATION
- Packaging
- Agriculture
- Electronics
- Textiles
- Bio-Medical
- Others

MARKET BY GEOGRAPHY
Contents:

Chapter: 1 INTRODUCTION
1.1 Report description
1.2 Key market benefits
1.3 Key market segments
1.4 Research methodology
1.4.1 Secondary research
1.4.2 Primary research
1.4.3 Analyst tools and models

Chapter: 2 EXECUTIVE SUMMARY
2.1 CXO perspective
2.2 Market beyond: what to expect by 2025
2.2.1 Moderate growth scenario
2.2.2 Rapid growth scenario
2.2.3 Critical growth scenario

Chapter: 3 MARKET OVERVIEW
3.1 Market definition and scope
3.2 Why use PLA-based packaging?
3.3 Ban/restrictions on plastic bags creating market opportunities for PLA market
3.4 Africa
3.4.1 South Africa
3.4.2 Others
3.5 Asia-Pacific
3.5.1 Australia
3.5.2 Bangladesh
3.5.3 China
3.5.4 India
3.5.5 Hong Kong
3.5.6 New Zealand
3.5.7 Taiwan
3.6 Europe and Middle East
3.6.1 Denmark
3.6.2 France
3.6.3 Germany
3.6.4 United Kingdom
3.7 The Americas
3.7.1 Canada
3.7.2 Mexico
3.7.3 United States of America
3.8 Top factors impacting the PLA market
3.9 Top investment pockets
3.10 Porters five force analysis

3.10.1 Large customer base and high forward integration strategy lead to high bargaining power of suppliers
3.10.2 The presence of potential substitute products and low switching cost lead to high bargaining power of buyers
3.10.3 Threat of new entrants is low owing to the complex distribution channels and dependence of profitability on economies of scale
3.10.4 Threat of substitute is high due to the presence of other potential biodegradable plastics and low-cost conventional plastics in the market
3.10.5 Presence of few competitors and rapid industry growth rate cause moderate competitive rivalry in the market

3.11 Value chain analysis
3.12 Drivers

3.12.1 Increasing environmental awareness
3.12.2 Government incentives
3.12.3 Unique physical properties
3.12.4 Easy availability of raw materials

3.13 Restraints

3.13.1 Need for industrial composting units
3.13.2 Agricultural fiber alternatives
3.13.3 High cost of raw materials

3.14 Opportunities

3.14.1 Blending of PLA with other materials
3.14.2 Production of PLA from second-generation biomass
3.14.3 Rising adoption of PLA among end user industries

Chapter 4: WORLD PLA MARKET, BY APPLICATIONS

4.1 Introduction

4.1.1 Market size and forecast

4.2 Packaging

4.2.1 Market size and forecast

4.3 Textile (woven & non-woven)

4.3.1 Market size and forecast

4.4 Agriculture

4.4.1 Market size and forecast

4.5 Bio-medical

4.5.1 Market size and forecast

4.6 Electronics

4.6.1 Market size and forecast

4.7 Others
Chapter:5 WORLD PLA PRODUCTION & RAW MATERIALS

5.1 Corn
5.2 Tapioca
5.3 Sugarcane
5.4 Others

Chapter:6 WORLD PLA MARKET, BY GEOGRAPHY, 2014-2020

6.1 Market size and forecast
6.2 North America
6.2.1 Market size and forecast
6.3 Europe
6.3.1 Market size and forecast
6.4 Asia-Pacific
6.4.1 Market size and forecast
6.4.2 China
6.4.2.1 Market size and forecast
6.4.3 Japan
6.4.3.1 Market size and forecast
6.4.4 Thailand
6.4.4.1 Market size and forecast
6.4.5 Rest of Asia-Pacific
6.4.5.1 Market size and forecast
6.5 LAMEA
6.5.1 Market size and forecast

Chapter:7 COMPANY PROFILES

7.1 NatureWorks LLC
7.1.1 Company overview
7.1.2 Business performance
7.1.3 Strategic moves and developments
7.1.4 SWOT analysis of NatureWorks LLC

7.2 Corbion Purac
7.2.1 Company overview
7.2.2 Business performance
7.2.3 Strategic moves and developments
7.2.4 SWOT analysis of Corbion Purac

7.3 Hisun Biomaterials
7.3.1 Company overview
7.3.2 Strategic moves and developments
7.3.3 SWOT analysis of Hisun Biomaterials

7.4 Synbra Technology bv

7.4.1 Company Overview

7.5 Nantong Jiuding Biological Engineering Co. Ltd.

7.5.1 Company overview

7.6 Chongqing Bofei Biochemical Products co., Ltd.

7.6.1 Company overview

7.7 Futerro

7.7.1 Company overview

List of Tables
Table 1 World PLA Market Volume, By Geography, 2014-2020, (Kilo Ton)
Table 2 World PLA Market Revenue, By Geography, 2014-2020, ($ Million)
Table 3 World PLA Market Moderate Growth Scenario Volume, By Geography, 2020-2025 (Kilo Ton)
Table 4 World PLA Market Moderate Growth Scenario Value, By Geography, 2020-2025 ($Million)
Table 5 World PLA Market Rapid Growth Scenario Volume, By Geography, 2020-2025 (Kilo Ton)
Table 6 World PLA Market Rapid Growth Scenario Value, By Geography, 2020 2025 ($Million)
Table 7 World PLA Market Critical Growth Scenario Volume, By Geography, 2020-2025 (Kilo Ton)
Table 8 World PLA Market Critical Growth Scenario Value, By Geography, 2020-2025 ($Million)
Table 9 World Polylactic Acid Market, By Application, Volume (Kilo Ton), 2014-2020
Table 10 World Polylactic Acid Market, By Application, Revenue($Million), 20142020
Table 11 World Polylactic Acid Packaging Application Market, By Volume (Kilo Ton), 2020-2025
Table 12 World Polylactic Acid Packaging Application Market, By Revenue ($ Million), 2020-2025
Table 13 World Polylactic Acid Textile Application Market, By Volume (Kilo Ton), 2020-2025
Table 14 World Polylactic Acid Textile Application Market, By Revenue ($ Million), 2020-2025
Table 15 World Polylactic Acid Agricultural Application Market, By Volume (Kilo Ton), 2020-2025
Table 16 World Polylactic Acid Agricultural Application Market, By Revenue ($ Million), 2020-2025
Table 17 World Polylactic Acid Bio-Medical Application Market, By Volume (Kilo Ton), 2020-2025
Table 18 World Polylactic Acid Biomedical Application Market, By Revenue ($ Million), 2020-2025
Table 19 World Polylactic Acid Electronics Application Market, By Volume (Kilo Ton), 2020-2025
Table 20 World Polylactic Acid Electronics Application Market, By Revenue ($ Million), 2020-2025
Table 21 World Polylactic Acid Other Application Market, By Volume (Kilo Ton), 2020-2025
Table 22 World Polylactic Acid Other Application Market, By Revenue ($ Million), 2020-2025
Table 23 World Polylactic Acid Market, By Geography, Volume (Kilo Ton), 2014-2020
Table 24 World Polylactic Acid Market, By Geography, Revenue($Million), 2014-2020
Table 25 North America Polylactic Acid Market Volume, By Application (Kilo Ton), 2020-2025
Table 26 North America Polylactic Acid Market Revenue, By Application ($ Million), 2020-2025
Table 27 Europe Polylactic Acid Market Volume, By Application (Kilo Ton), 2020-2025
Table 28 Europe Polylactic Acid Market Revenue, By Application ($ Million), 2020-2025
Table 29 Asia Pacific Polylactic Acid Market Volume, By Application (Kilo Ton), 2020-2025
Table 30 Asia Pacific Polylactic Acid Market Revenue, By Application ($ Million), 2020-2025
Table 31 China Pla Market Volume (Kilo Ton) And Revenue ($ Million), 2014-2020
Table 32 Japan Pla Market Volume (Kilo Ton) And Revenue ($ Million), 2014-2020
Table 33 Thailand Pla Market Volume (Kilo Ton) And Revenue ($ Million), 2014-2020
Table 34 Rest Of Apac Pla Market Volume (Kilo Ton) And Revenue ($ Million), 2014-2020
Table 35 Lamea Polylactic Acid Market Volume, By Application (Kilo Ton), 2014-2020
Table 36 Asia Pacific Polylactic Acid Market Revenue, By Application ($ Million), 2014-2020

List of Figures
Fig. 1 Top Impacting Factors, Moderate Growth Scenario (2020 - 2025)
Fig. 2 Top Impacting Factors, Rapid Growth Scenario (2020 - 2025)
Fig. 3 Top Impacting Factors, Diminishing Growth Scenario (2020 - 2025)
Fig. 4 Top Factors Impacting World PLA Market
Fig. 5 Top Investment Pocket in PLA Market
Fig. 6 Porters Five Force Analysis Of World PLA Market
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